Construction News

BUILDING OPERATIONS FOR JUNE

According to the permits issued in 61 of the leading cities of the country, operations for this month are equal if not greater than last month. The total in the Eastern States amounts to $40,286,835, while for last month the total reached $48,656,657. As compared with the month of June, 1915, and increase in the total amount of work is practically 40% for in that month the total permits issued amounted to $24,071,891. The Eastern States for the first 6 months as compared with 1915 have almost an increase of $50,000,000.

In the Southern States for the month of June, 1916, the total was $3,594,436 against $3,018,795 for a similar period in 1915. Although little gain is noted here for the 6 months, the difference in 1916 compared with 1915 amounts to $7,000,000.

In the Central States as compared with last month a drop in operations is very evident. In the month of June $26,888,249 is the total amount of work estimated from plans filed as compared with the month previous when the total was $46,941,653. However as compared with a year ago the gain is practically $6,000,000. For the 6 months of the year 1916 compared with 1915 the gain is over $33,000,000.

The Western States are coming along at a rather even pace as compared with last month; the difference does not amount to over $200,000, a small amount considering the cities represented. The gain over last year is slightly over $1,000,000. For the first half of the year 1916 compared with 1915 the gain is over $8,000,000.

From the foregoing it is evident that operations are still climbing to record-breaking scales and without doubt shall continue so for some months to come. If reports had been received for 77 cities, this month's operations would in all probability equaled last month's record.

EASTERN STATES

	Month of June 1916	Month of June 1915	First Six Months of Year 1916	First Six Months of Year 1915
Albany, N. Y.	$307,455	$359,405	$2,050,470	$2,011,990
Boston, Mass.	2,179,666	1,448,299	16,992,447	14,067,304
Bridgeport, Conn.	523,300	779,869	3,771,696	4,210,372
Buffalo, N. Y.	1,691,000	1,667,000	5,742,000	5,597,000
Elizabeth, N. J.	250,464	109,614	1,178,284	568,459
Erie, Penn.	353,989	155,254	1,273,643	955,495
Harrisburg, Penn.	126,155	221,950	908,346	842,130
Hartford, Conn.	814,703	462,523	4,138,372	2,763,927
Hoboken, N. J.	16,480	2,400	740,396	496,320
Jersey City, N. J.	698,076	519,958	2,610,268	2,800,736
Newark, N. J.	1,307,541	770,884	4,384,107	4,640,.66
New Bedford, Mass.	210,925	201,150	2,949,490	1,816,574
New Haven, Conn.	257,580	451,025	2,701,218	2,867,565
New York, N. Y.:				
Bronx	2,322,278	1,173,075	11,963,599	15,897,500
Brooklyn	4,102,609	4,063,355	23,742,884	12,267,245
Manhattan	16,322,110	3,290,330	66,047,954	39,638,720
Queens	1,428,403	1,744,075	12,393,065	10,015,546
Paterson, N. J.	121,114	314,748	992,015	771,241
Philadelphia, Penn.	5,147,115	3,873,850	25,053,720	19,066,390
Reading, Penn.	69,750	152,900	642,400	556,575
Rochester, N. Y.	662,042	969,632	4,846,834	4,757,668
Scranton, Penn.	228,086	343,121	776,568	801,750
Springfield, Mass.	898,918	451,538	3,854,886	3,269,189
Utica, N. Y.	129,725	272,400	882,890	1,160,900
Wilkes-Barre, Penn.	117,351	58,111	604,850	690,021
Totals	$40,286,835	$23,866,461	$201,242,402	$152,531,583

SOUTHERN STATES

	Month of June 1916	Month of June 1915	First Six Months of Year 1916	First Six Months of Year 1915
Chattanooga, Tenn.	$58,645	$61,435	$1,096,446	$253,885
Dallas, Tex.	311,440	142,125	2,276,362	1,524,515
Ft. Worth, Tex.	87,138	52,553	958,282	453,358
Houston, Tex.	231,594	114,392	1,399,829	838,662
Louisville, Ky.	260,145	332,710	1,589,427	1,788,095
Memphis, Tenn.	320,640	285,275	1,581,145	1,501,493
New Orleans, La.	614,932	279,731	1,777,433	1,355,690
Norfolk, Va.	200,894	245,384	2,086,223	1,037,468
Richmond, Va.	359,096	264,398	2,693,394	1,734,662
San Antonio, Tex.	109,425	98,310	817,211	648,530
Washington, D. C.	1,040,487	1,142,482	5,979,095	5,240,159
Totals	$3,594,436	$3,018,795	$23,254,847	$16,376,517

CENTRAL STATES

	Month of June 1916	Month of June 1915	First Six Months of Year 1916	First Six Months of Year 1915
Akron, Ohio	$1,223,455	$318,900	$4,398,046	$1,516,690
Canton, Ohio	336,945	135,670	2,142,850	829,740
Cedar Rapids, Iowa	273,000	135,000	807,000	1,020,000
Chicago, Ill.	11,050,700	7,613,500	63,078,900	40,273,050
Cincinnati, Ohio	1,082,580	940,635	5,172,605	5,667,664
Cleveland, Ohio	2,742,570	2,378,510	15,027,7 0	18,226,879
Columbus, Ohio	557,370	410,370	4,060,430	2,544,860
Davenport, Iowa	115,572	90,008	434,586	390,690
Des Moines, Iowa	204,220	150,252	1,170,114	833,115
Grand Rapids, Mich.	460,153	216,908	2,052,435	1,340,099
Indianapolis, Ind.	779,792	526,299	4,156,205	3,260,746
Kansas City, Kan.	117,547	72,531	430,010	540,791
Kansas City, Mo.	971,425	752,245	5,545,228	4,916,435
Milwaukee, Wis.	997,111	838,841	5,213,547	4,756,860
Minneapolis, Minn.	1,686,835	1,350,535	10,574,825	7,725,895
Oak Park, Ill.	385,350	343,980	1,694,068	1,291,865
Omaha, Neb.	604,900	594,590	3,282,597	2,654,430
St. Louis, Mo.	1,215,520	1,465,695	6,793,542	6,454,703
St. Paul, Minn.	1,206,075	1,169,946	5,447,255	5,628,552
Toledo, Ohio	595,104	762,845	5,342,839	4,030,204
Youngstown, Ohio	279,025	433,080	1,723,614	1,450,572
Totals	$26,888,249	$20,700,340	$148,548,486	$115,413,840

WESTERN STATES

	Month of June 1916	Month of June 1915	First Six Months of Year 1916	First Six Months of Year 1915
Denver, Colo.	$370,250	$179,745	$2,141,840	$1,464,440
Los Angeles, Calif.	1,037,532	997,240	6,793,267	6,278,440
Oakland, Calif.	423,193	395,474	3,018,740	2,382,748
Portland, Ore.	983,215	460,095	2,916,415	2,639,760
Salt Lake City, Utah	219,650	119,958	1,613,776	1,095,341
San Diego, Calif.	98,725	71,803	1,114,237	656,387
San Francisco, Calif.	2,046,756	891,007	10,740,264	6,566,267
Seattle, Wash.	447,390	631,045	3,256,170	3,274,110
Spokane, Wash.	138,415	231,305	827,178	704,871
Tacoma, Wash.	204,617	56,828	743,619	463,514
Totals	$5,969,743	$4,034,500	$33,165,506	$25,525,878

WATER SYSTEM, EVERETT, WASH.

Low bids received by the city June 5 for the construction of a water system were from (B) WASHINGTON PAVING CO., Seattle (awarded contract); (C) Pacific Coast Pipe Co., Seattle; (D) Sound Construction and Engineering Co., Seattle; (E) Pederson & J. Block Masonry and Contracting Co., Seattle. The item bids were as follows:

CONTRACT NO. 2

	B	C	D
12,095 lin.ft. 28-in. wood pipe 0 to 40 ft.	$0.95	$1.05	$1.11
2,391 lin.ft. 28-in. wood pipe 40 to 50 ft.	.97	1.07	1.13
2,035 lin.ft. 28-in. wood pipe 50 to 60 ft.	1.04	1.08	1.20
5,661 lin.ft. 28-in. wood pipe 60 to 70 ft.	1.12	1.20	1.27
7,270 lin.ft. 28-in. wood pipe 70 to 80 ft.	1.21	1.28	1.35
10,512 lin.ft. 28-in. wood pipe 80 to 90 ft.	1.29	1.35	1.39
8,325 lin.ft. 28-in. wood pipe 90 to 100 ft.	1.36	1.42	1.49
4,750 lin.ft. 28-in. wood pipe 100 to 110 ft.	1.45	1.50	1.57
5,165 lin.ft. 28-in. wood pipe 110 to 120 ft.	1.51	1.60	1.67
3,570 lin.ft. 28-in. wood pipe 120 to 130 ft.	1.61	1.65	1.71
2,603 lin.ft. 28-in. wood pipe 130 to 140 ft.	1.70	1.72	1.78
1,727 lin.ft. 28-in. wood pipe 140 to 150 ft.	1.77	1.80	1.85
2,850 lin.ft. 28-in. wood pipe 150 to 160 ft.	1.85	1.88	1.92
1,835 lin.ft. 28-in. wood pipe 160 to 170 ft.	1.93	1.95	2.00
2,540 lin.ft. 28-in. wood pipe 170 to 180 ft.	2.00	2.06	2.00
2,190 lin.ft. 28-in. wood pipe 180 to 190 ft.	2.10	2.13	2.15
1,795 lin.ft. 28-in. wood pipe 190 to 200 ft.	2.18	2.22	2.23
2,425 lin.ft. 28-in. wood pipe 200 to 210 ft.	2.25	2.30	2.30
1,425 lin.ft. 28-in. wood pipe 210 to 220 ft.	2.35	2.41	2.40
1,100 lin.ft. 28-in. wood pipe 220 to 230 ft.	2.43	2.45	2.45
450 lin.ft. 28-in. wood pipe 230 to 240 ft.	2.53	2.55	2.55
1,975 lin.ft. 28-in. wood pipe 240 to 250 ft.	2.60	2.59	2.60
2,508 lin.ft. 28-in. wood pipe 250 to 260 ft.	2.67	2.67	2.67
1,987 lin.ft. 28-in. wood pipe 260 to 270 ft.	2.75	2.74	2.74
2,100 lin.ft. 28-in. wood pipe 270 to 280 ft.	2.82	2.86	2.81
1,850 lin.ft. 28-in. wood pipe 280 to 290 ft.	3.10	2.90	3.12
535 lin.ft. 28-in. wood pipe 290 to 300 ft.	3.18	3.00	3.22
615 lin.ft. 28-in. wood pipe 300 to 310 ft.	3.28	3.08	3.30
1,310 lin.ft. 28-in. wood pipe 310 to 320 ft.	3.38	3.16	3.40
2,197 lin.ft. 28-in. wood pipe 320 to 340 ft.	3.51	3.25	3.50
750 lin.ft. 28-in. wood pipe 340 to 350 ft.	3.74	3.38	3.66
19 2-in. air valves on 28-in. pipe	40.00	40.00	50.00
30 2-in. air valves on 28-in. pipe	42.00	50.00	53.00
45 3-in. air valves on 28-in. pipe	44.00	55.00	54.43
73 8-in. blow-off valves on 28-in. pipe	48.00	50.00	45.00
200 lin.ft. 22-in. wood pipe 0 to 60 ft.	.88	.90	.95
300 lin.ft. 22-in. wood pipe 60 to 70 ft.	.92	.94	.99
495 lin.ft. 22-in. wood pipe 70 to 80 ft.	.98	.98	1.04
485 lin.ft. 22-in. wood pipe 80 to 90 ft.	1.03	1.06	1.09
660 lin.ft. 22-in. wood pipe 90 to 100 ft.	1.08	1.10	1.13
370 lin.ft. 22-in. wood pipe 100 to 110 ft.	1.15	1.15	1.18
515 lin.ft. 22-in. wood pipe 110 to 120 ft.	1.19	1.22	1.23
1,195 lin.ft. 22-in. wood pipe 120 to 130 ft.	1.26	1.27	1.28
430 lin.ft. 22-in. wood pipe 130 to 140 ft.	1.31	1.32	1.33
390 lin.ft. 22-in. wood pipe 140 to 150 ft.	1.35	1.37	1.37
365 lin.ft. 22-in. wood pipe 150 to 160 ft.	1.41	1.41	1.43
985 lin.ft. 22-in. wood pipe 160 to 170 ft.	1.47	1.47	1.47
585 lin.ft. 22-in. wood pipe 170 to 180 ft.	1.52	1.52	1.51
625 lin.ft. 22-in. wood pipe 180 to 190 ft.	1.59	1.62	1.57
1,825 lin.ft. 22-in. wood pipe 190 to 200 ft.	1.64	1.67	1.61
2 2½-in. air valves on 22-in. pipe	42.00	40.00	53.00
4 3-in. air valves on 22-in. pipe	44.00	60.00	54.43
6 8-in. blow-off valves in 22-in. pipe	48.00	60.00	45.00
Extended totals	$192,252	$194,650	$197,630

CONTRACT NO 3

	E	C	D
22,037 lin.ft. 28x¼-in. riveted steel pipe	$4.60	$5.10	$5.10
100 lin.ft. 28x¼-in. riveted steel pipe	7.00	10.00	7.65
7 2-in. air valves	30.00	40.00	50.00
1 2½-in. air valves	35.00	50.00	53.00
2 3-in. air valves	35.00	60.00	55.00
15 8-in. blow-off valves	40.00	60.00	45.00
Extended totals	$104,900	$119,130	$120,000

Sundry Civil Bill—The sundry civil bill passed by Congress contains the following items: For public buildings under the Treasury Department, $7,267,000 for continuation and completion of projects under way; $4,683,400 for the War Department for arsenal improvements, including $500,000 for powder plant; $127,000 for buildings on army posts; $1,000,000 to be spent on Scofield Barracks, Hawaii; reclamation service, $8,884,000 for work on all projects; $16,800,000 for Panama Canal work, and $6,247,620 to be used by the Alaskan Engineering Commission.

RAILWAYS—STEAM AND ELECTRIC

Proposed Work

New York—New York Central R.R. granted franchise to double-track line through Webster St., North Tonawanda. G. W. Kittredge, New York, Ch. Engr.

West Virginia—Pennsylvania R.R. plans railway from Wheeling to Marianna, Penn. B. M. Langhead, 375 South Main St., Washington, Penn., Locating Engr. A. C. Shand, Philadelphia, Ch. Engr.

Florida—House of Representatives passed bill authorizing G. H. Hervey, Pensacola, to build railway on military reservations of Ft. Barrancas and Ft. McRae, Pensacola. Noted Mar. 2.

Florida—H. C. Case, St. Petersburg, asked County Commissioners, Indian Spring, for permission for railway on county road from Jungle to Seminole Bridge.

Florida—Tampa & Eastern Traction Co. received charter for railway from Tampa to Lakeland, 33 mi. F. L. Cooper, Tampa, Secy. Noted June 8.

Mississippi—Citizens, Clarksdale, voted $100,000 bonds for proposed railway from Webb to Clarksdale, 22 mi.

Kentucky—Tennessee & Kentucky Interurban R.R. granted franchise to construct line from Nashville to Russellville. P. D. Denton, Nashville, Secy.

Indiana—Evansville & Indianapolis Ry. plans to spend $300,000 for improvements and new equipment at Evansville. C. B. Falley, Terre Haute, Supt.

Illinois—J. W. Dawson, Westfield, interested in railway from Charleston to Terre Haute.

Illinois—Chamber of Commerce, Springfield, interested in electric railway through southern Illinois from Springfield to Cairo or other terminal on Ohio River.

Illinois—Chicago, Fox Lake & Northern Railroad Co. plans line from Chicago to Fox Lake and Geneva Lake, Wis., 110 mi. H. O. Strauss, Harris Trust Bldg., Engr.

Illinois—Tri-City Railway Co. plans to double-track from Sears to Center Station. J. G. Huntoon, Davenport, Iowa, Gen. Mgr.

Iowa—Southern Iowa Railway, Light and Power Co. plans to spend $50,000 for improvements at Albia. C. B. Judd, Albia, Ch. Engr.

Kansas—Topeka Railway Co. plans to increase capital stock from $1,210,000 to $2,250,000 for interurban line from Topeka to Lawrence. A. M. Patten, Topeka, Gen. Mgr.

Montana—Minneapolis, St. Paul & Sault Ste. Marie R.R. plans line to Sidney. C. N. Kalk, Minneapolis, Minn., Ch. Engr.

Missouri—Kansas City & New Orleans R.R. plans line from Kansas City through Monette, Mo., Heber Springs, Little Rock and Monticello, Ark., Monroe and Alexander into New Orleans, La. P. C. Allen, St. Louis, Supt. Constr.

Arkansas—Ft. Smith, Subiaco & Eastern R.R. plans extension from Scranton to connection with Rock Island R.R. at Dardanelle. J. H. Wright, Ft. Smith, Secy.

Texas—(Press)—City Government, Houston, plans railway yards and tracks on south side harbor turning basin. E. E. Sands, City Engr.

Idaho—Oregon Short Line R.R. to enlarge yards at Emmet. C. Stradley, Salt Lake City, Utah, Ch. Engr.

Idaho—Oregon-Washington Railroad and Navigation Co. plans line into Clearwater Timber Belt, Lewiston. About $2,000,000. S. Murray, Portland, Ore., Act. Ch. Engr.

Utah—Denver & Rio Grande R.R. made surveys for ½ of line in Uintah Basin, eastern Utah. J. G. Gwyn, Denver, Colo., Ch. Engr. Noted Mar. 16.

Utah—Ogden, Logan & Idaho R.R. plans branch line from Washington Ave. up 29th St. to Jefferson Ave., Ogden. P. D. Kline, Ogden, Gen. Mgr.

Arizona—Carlisle Mining Co. plans railway from Duncan, Ariz., to mines at Steeplerock, N. M., 13 mi. H. K. Welch, Steeplerock, Mgr.

California—Indian Valley Railroad Co. incorporated with $600,000 capital to construct railway from Keddie to Engels Mine, Plumas County, 26 mi. W. Engels, Interested.

California—Pacific Electric Ry. plans extension of Visalia Electric Ry. from Exeter southerly along foothills to Lindsay and El Mirador country. J. E. Pillsbury, Los Angeles, Ch. Engr.

California—Pacific Electric Ry. plans to extend line from Los Angeles to San Diego, via Fullerton, Anaheim and Santa Ana. J. McMillan, Los Angeles, Gen. Mgr.

California—Western Pacific R.R. plans to reorganize, to issue $75,000,000 in stock, $28,000,000 immediate bonds and finally $30,000,000 for property, $2,500,000 of latter to be used for improvements, $3,500,000 for freight and passenger equipment and $10,500,000 for feeder lines. State Railroad Commission approved plans. T. J. Wyche, San Francisco, Ch. Engr.

British Columbia—Pacific Great Eastern Ry. plans new line from Clinton to St. George. J. Callaghan, Vancouver, Ch. Engr.

Bids In and Contracts Awarded

Maryland—Georges Creek & Cumberland R.R. let contract spur to plant of Maryland Coal Co., Lonaconing, to KEELEY BROS., Clarkesburg, W. Va.

Iowa—(Official)—Chicago, Milwaukee & St. Paul Ry. let contract improving yards at McGregor to MORRIS, SHEPARD & DOUGHERTY, 814 Globe Bldg., St. Paul.

Texas—Wichita Falls & Northwestern Ry. let contract 45 mi. of line to J. L. TOBEY & CO., Terrell. W. A. Webb, Dallas, Gen. Mgr.

LIGHT, HEAT AND POWER

Proposed Work

Mass., Millbury—See item under "Industrial Works."

Conn., Torrington—Henry Riler made plans for rein.-con. boiler house at 422 Main St. W. Workman, Arch.

N. Y., Waverly—Bd. Trustees and Sayre Electric Co. plan to extend lighting system.

N. J., Glassboro—Whitney Glass Works making plans for gas producer plant. De Vore & McGormley, 304 Nasby Bldg., Toledo, Ohio, Arch.

Penn., Philadelphia—T. Wolstenholme Sons & Co., Frankford Ave., made plans for 2-story power plant.

Penn., Zenienople—See item under "Water-Works."

Md., Chestertown—Washington Co. making plans for boiler house, about $10,000. J. T. Bramble, 2 East Lexington St., Baltimore, Arch. and Supt.

N. C., Boone—Boone Fork Lumber Co. plans hydro-electric plant at Boone's Fork Falls. D. R. Shearer, Engr.

La., White Castle—See item under "Water-Works."

Ohio, Upper Sandusky—Hardin-Wyandot Lighting Co. authorized by State Public Utilities Comn. to issue $25,000 bonds for transmission line from Upper Sandusky to Kenton.

Ind., Westport—City rejected bids for electric-lighting system. New bids July 24.

Mich., Detroit—Continental Motor Manufacturing Co. plans power plant. W. H. Reddig, Gen. Supt.

Mich., Lansing—W. K. Prudden Co. making plans for 1,500-hp. power plant. B. E. Parks & Sons, Grand Rapids, Arch.

Ill., Alvin—Alvin Grain and Electric Co., incorporated with $10,000 stock, to construct electric-light plant. F. M. Yeazel, interested.

Ill., Berwyn—Council receiving bids July 18 for lighting system. About $18,000.

Ill., Blue Island—Public Service Co. of Northern Illinois, 72 West Adams St., Chicago, making plans for addition to power house, about $200,000. Von Holst & Fyfe, 72 West Adams St., Chicago, Arch.

Ill., Mt. Sterling—City plans electric-light plant.

Wis., Altoona—City plans electric-light plant.

Wis., Oregon—Oregon Electric Co. plans electric-light plant.

Iowa, Dayton—Citizens voted $15,000 bonds for distribution system in Dayton and transmission line to Harcourt.

Minn., Argyle—Citizens voted $18,500 water works and electric-light bonds. Noted May 11.

Kan., Belpre—City election July 26 to vote on $10,000 electric-light system and transmission line bonds postponed. Noted June 15.

Kan., Blue Rapids—Marshall County Power and Light Co. granted franchise to construct electric-light plant and heating system in Blue Rapids. Noted Mar. 16.

Kan., Garfield—A. M. Moe, Kingsley, asked Council for franchise to construct transmission line and distribution system in Garfield.

Neb., Holbrook—(Official)—City soon receives bids for electric-light system, about $8,700. S. F. Davis, Clk. Grant & Fulton, Lincoln, Engr.

Neb., Paxton—City to install electric-light plant.

Neb., Valentine—City plans to improve electric-light plant and extend distribution system.

S. D., Alcester—City receiving bids July 19 for transmission line from Alcester to Harwarden, Iowa, 8 mi. A. A. Treick, Audr. E. D. Jackson, 601 Capital Bank Bldg., St. Paul, Minn., Engr. Noted Mar. 30.

Mont., Malta—See item under "Water-Works."

Mo., Clearmont—Citizens voted franchise to Maryville Electric Light and Power Co. to construct transmission line and distribution system. E. W. Dusenberry, Maryville, Engr.

Okla., Goltry—City receiving bids July 20 for electric-light plant. Benham Engineering Co., Colcord Bldg., Oklahoma, Engr. Noted Jan. 6.

Okla., Miami—See item under "Water-Works."

Colo., Louisville—Commercial Association plans power plant.

Ariz., Bouse—Ne La Paz Coal Mining Co. plans electric-light plant, also transmission lines to mining camps in district.

Que., Crabtree Mills—Crabtree Paper Co. making plans for dam and power plant, about $7[illegible], R. S. Kelsch, Power Bldg., Montreal, Arch.

Que., Magog—Dominion Textile Co. making plans for dam and power plant, about $7[illegible], R. S. Kelsch, Power Bldg., Montreal, Arch.

Bids In and Contracts Awarded

N. J., Penns Grove—Salem & Penns Grove Traction Co. let contract power house to [illegible] Burns, Drexel Bldg., Philadelphia; substation to J. A. BADER CO., Du Pont Bldg., Wilmington.

Mich., Charlotte—Dry Milk Co. let contract power house to H. L. VAN DER HORST, Hardick and Walnut St., Kalamazoo, about $25,000.

Mo., Smithton—Council let contract electric-light plant to S. V. MONSEES.

BRIDGES

Proposed Work

Maine—Brunswick—City plans bridge. About $15,000.

Maine, Southport—City making plans for bridge from Southport to Boothbay. About $17,500. Paul D. Sargent, Engr.

Mass., Holyoke—(Official)—Bd. Pub. Wks., Room 2, City Hall, receiving bids July 21 for rein.-con. foot bridge. T. J. McCarthy, City Engr. Noted Mar. 23. (See adv. July 6 issue.)

N. Y., Binghamton—(Official)—City does not plan bridge on Washington St. as stated in issue of June 29.

N. Y., Cohoes—City making plans for bridge between Cohoes and Lansingburgh. Bids about Aug. 1. About $52,000. A. E. Roche, Engr.

N. Y., Colden—City making plans for concrete bridge. About $5,000. J. G. Allen, Supvr.

N. Y., Delavan—State Highway Dept., 55 Lancaster St., Albany, making plans for rein.-con. bridge in Cattaraugus County, about $20,000. A. Bird, Ellicottsville, Supt. Highways.

N. Y., Freedom—State Highway Dept., 55 Lancaster St., Albany, making plans for rein.-con. bridge in Cattaraugus County, about $9,000. A. Bird, Ellicottsville, Supt. Highways.

N. Y., Great Valley—State Highway Dept., 55 Lancaster St., Albany, making plans for rein.-con. bridge in Cattaraugus County, about $7,000. A. Bird, Ellicottsville, Supt.

N. Y., New Hartford—City plans rein.-con. bridge. About $5,000. Arthur O'Brien, Supt. Highway.

N. Y., North Tonawanda—New York Central R.R. plans bridge at Webster St.

N. Y., Yorkshire—State Highway Dept., 55 Lancaster St., Albany, making plans for rein.-con. bridge in Cattaraugus County, about $9,000. A. Bird, Ellicottsville, Supt. Highways.

N. J., Hackensack—County plans to repair Anderson St. bridge. Joseph Kinzley, Hackensack, County Comr.

N. J., Newark—Bd. Freeholders receiving bids July 25 for improving Hackensack River Bridge with wood block paving.

N. J., Somerville—County receiving bids July 18 for bridge work. J. Doughty, Jr., Somerville, County Engr.

Penn., Bethlehem—County receiving bids July 28 for strengthening and relaying floor of bridge over Monocacy Creek. Address County Clk., Easton. Noted June 22.

Penn., Lewisburg—Union County receiving bids July 22 for rein.-con. girder bridge over Rapid Run, West Buffalo Township. G. T. Biehl, Lewisburg, Clk.

Penn., Paxtang—Park Dept., Harrisburg, plans concrete bridge or girder structure over tracks of Reading Ry. to connect links of boulevards. About $30,000 and $15,000 respectively. E. Z. Gross, Calder Bldg., Harrisburg, Comr.

Penn., Pittsburgh—Allegheny County plans bridge between Bellevue and city line on north side. Address County Clerk, Pittsburgh.

Penn., Shamokin—City making plans for Watsontown-White Deer Bridge over Susquehanna River, about $150,000. M. J. Flynn, Mt. Carmel, Engr.

Penn., Uniontown—County receives bids for 5 bridges. J. T. Gephart, Jr., Engr.

Penn., Williamson—County receiving bids July 25 for rein.-con. bridge over Dry Run. W. S. Kolb, Chambersburg, Clk. Noted May 4.

Penn., Yukon—Westmoreland County receiving bids about July 15 for rein.-con. bridge over Sewickley Creek, Sewickley Township. J. Sell, Greensburg, Controller.

Md., Baltimore—State Road Comn. receiving bids July 18 for 5-span rein.-con. bridge on Liberty Heights Ave. over Western Maryland Ry. W. M. Marcey, Secy. Comn.

Va., Petersburg—(Official)—R. D. Budd, City Engr., receiving bids Aug. 15, for viaduct on 2nd St. over tracks of Norfolk & Western Ry. and Atlantic Coast Line R.R. (See adv.)

W. Va., Union—County Court receiving bids July 19 for bridge over Rich Creek. Address County Clk., Union.

Ga., Newman—County receiving bids Aug. 4 for steel bridge across Charrahoochee River at Moores Ferry on Newman and Carrollton Rd. T. G. Farmer, Jr., Newman, County Clk.

Ga., Sandersville—Washington County plans bridge over Limestone Creek on Dixie Highway. Address County Clerk, Sandersville.

Fla., Miami—City making plans for bridge at Ave. G, about $40,000.

Tenn., Knoxville—City plans viaduct across railway tracks at State St.

Ky., Franklin—Simpson County receives bids for steel bridge over Red River, about $10,000. Address County Clk., Franklin.

Ohio, Akron—County receiving bids July 26 for enlarging bridge over Cuyahoga River on Portage St. U. G. High, Akron, County Clk.

Ohio, Columbus—Franklin County Comrs. receiving bids July 28 for bridge work per Estimates 305 and 309. John Scott, Columbus, Clk.

Ohio, Coshocton—County plans to replace Big Island Bridge, about $10,000. Address County Clk., Coshocton.

Ohio, Cuyahoga—County receiving bids July 25 for rebuilding bridge over Portage St. V. C. High, Akron, Clk.

Ohio, Dayton—County sold $70,000 bonds for Upper Union and Shoups Mill Bridges. Victor C. Smith, Dayton, County Surv. Noted June 15.

Ohio, Dover—City making plans for steel viaduct over Baltimore & Ohio R.R. G. E. Arnold, City Engr.

Ohio, Lancaster—County receiving bids July 17 for Jacob Thomen bridge. H. C. Roller, Lancaster, Audr.

Ohio, New Mansfield—Richland County soon lets contracts for 50 bridges. E. A. Merkel, County Engr.

Ohio, Ottawa—County receiving bids July 22 for bridge work. John E. Roose, Ottawa, Audr.

Ohio, Warren—County receiving bids July 31 for Halstead, Sweet, Parrish and Hoskins Bridges. W. L. Hoffman, Warren, County Clk.

Ind., Frankfort—Clinton County receiving bids July 19 for bridge work. Edward Spray, Frankfort, Audr.

Mich., Flint—Chevrolet Motor Co. will build bridge over Flint River between Stevenson and Wilcox St. About $35,000. Address Charles Spreem.

Mich., Marshall—City made plans for South Kalamazoo Ave. Bridge. L. A. Boulay, Toledo, Engr. Noted Apr. 20.

Mich., Saginaw—(Official)—City receiving bids July 18 for rebuilding Mackinaw St. Bridge. E. H. Eymer, City Engr. Noted June 22. (See adv. July 6 issue.)

Ill., Belvidere—County receiving bids July 17 for repairing Covey Bridge. Address County Clk., Belvidere.

Ill., Canton—Fulton County plans bridge in Union Township. About $6,500. C. Older, Capitol Bldg, Springfield, Engr.

Ill., Chicago—City receives bids for steel bascule bridges at Wells, Clark, Franklin and Orleans St. Thomas Pihlfeldt, 402 City Hall, Bridge Engr. Noted July 6.

Ill., Decatur—City adopted plans for viaduct to Glenwood cemetery, about $5,000.

Ill., Galva—County receiving bids July 17 for 2 rein.-con. bridges at Galva. J. H. Reed, Cambridge, County Supt. Highways.

Ill., Hardin—County receiving bids July 31 for bridge work in Road District No. 1, about $6,700. Address County Clk., Hardin.

Ill., Lewistown—County plans Indian Ford Bridge in Young Hickory Township, about $12,000. Address County Clk., Lewistown.

Ill., Lincoln—City plans bridge over Salt Creek.

Ill., Pekin—City making plans for viaduct on 8th St. B. E. Smith, Engr.

Ill., Pekin—County rejected bids for Brecher Bridge, Groveland Township. New bids July 15. Address County Clk., Pekin. Noted June 29.

Ill., Rockford—County making plans for bridges. About $34,000. A. R. Carter, Rockford, Supt. Highways.

Wis., Detroit—City made plans for Fourth St. Bridge. About $5,000.

Wis., Prairie du Chien—(Official)—City receiving bids July 27 for rein.-con. girder bridge. W. G. Kirchoffer, Madison, Engr. Noted Mar. 16.

Minn., Belgrade—Town receiving bids July 17 for concrete culverts and retaining walls.

Minn., Detroit—County plans bridge. J. A. Narum, Detroit, Audr.

Minn., Ellendale—County plans Bridge No. 2261. C. E. Brainard, Owatonna, Audr.

Minn., Thief River Falls—(Official)—Pennington County receiving bids July 20 for bridge over Thief River Falls. Address County Clerk, Thief River Falls.

Minn., Walker—County making plans for bridge over Pine River. C. D. Bacon, Walker, Audr.

Wyo., Greybull—(Official)—County receives bids for bridge over Greybull River. Address County Clerk, Basin.

Colo., Gunnison—County will build 110-ft. steel bridge over Gunnison River. R. L. Lebell, Gunnison County Clk.

Idaho, Rexburg—Madison County voted $50,000 bridge and road bonds. Address County Clerk, Rexburg.

Idaho, Wallace—City making plans for bridge over south fork Cœur d'Alene River. A. Merriam, City Engr.

Wash., Colfax—County Commissioners, Colfax, authorized J. M. McCaw, County Engr., to make plans and submit cost of bridge over South Palouse River.

Wash., Spokane—City plans concrete bridge at Post St. M. Macartney, City Engr.

Ore., Portland—County receiving bids July 19 for concrete arch bridge and retaining wall on Base Line Extension Highway. Address County Clerk, Portland.

Calif., Kingsburg—County receives bids soon for completion rein.-con. bridge over King River. Address County Clk., Visalia.

Calif., Live Oak—Yuba and Sutter Counties plan election to vote on $70,000 bridge bonds. Address County Clerk, Yuba City.

Calif., Rio Vista—Solano and Sacramento Counties plan bridge across Sacramento River at Rio Vista. F. A. Steiger, Fairfield, Engr. Solano County.

Calif., Stockton—County receiving bids July 17 for pile trestle bridge on county highway. F. F. Quail, County Surv.

Ont., Mimico—Town receiving bids July 17 for rein.-con. culverts. J. A. Telfer, Clk.

Ont., Wheatley—Council plans repair of Two Creeks Bridge. J. W. Kennedy, Clk.

Sask., Saskatoon—Provincial Bd. Highway Comrs. receives bids for asphalt pavement on bridge. About $26,000.

Bids In and Contracts Awarded

Maine, Portland—Maine Central R.R. let contract Park Ave. bridge to AMERICAN BRIDGE CO., 120 Franklin St., Boston. About $70,000. Noted Mar. 30.

Mass., North Adams—City let contract Bulkley St. Bridge to W. N. TULLER, North Adams.

Conn., Windsor—State Highway Comrs. let contract bridge over Farmington River to C. A. SILBEY, 902 Chapel St., New Haven. C. J. Bennett, Comr.

N. Y., Ogdensburg—City let contract viaduct to MECCA CONSTRUCTION CO., Morristown, about $50,000.

N. J., Summit—Morris and Union Counties let contract bridge over Passaic River to FOSTER CONSTRUCTION CO., Kinney Bldg., Newark, $12,850. Noted June 15.

Penn., Beaver Falls—(Official)—County let contract county line bridge over Readons Run to FARRIS ENGINEERING CO., Empire Bldg., Pittsburgh. Noted June 29.

Penn., Philadelphia—City let contract repairing Rhawn St. Bridge to HORSEHEADS CONSTRUCTION CO., Horseheads, N. Y., about $16,000. Noted June 29.

Penn., Pittsburgh—Allegheny County let contracts bridges to FARRIS ENGINEERING CO., Jenkins Arcade, and PITTSBURGH SANITARY FLOORING CO., 1st and McKean St., about $58,700.

Va., Clintwood—County let contract 2 steel bridges over Russell Fork Sandy River to ROANOKE BRIDGE CO., $7,190. Noted May 25.

Va., Richmond—City let contract 5 sections Shockoe Creek Culvert to ELKAN & TUFT, Baltimore, $280,000. Noted Jan. 27.

Tenn., Rialto—Tipton County let contract bridge over Big Hatchie River to LARIMER & BURGETT BRIDGE CO., Memphis, $39,500.

Ohio, Cleveland—(Official)—Cuyahoga County let contract bridge work per report No. 3764 to FRAZIER SHEAL CO., $18,791. Noted June 22.

Ind., Jasper—(Official)—County let contract concrete bridge over Pataka River to BLENKER & GIHLHAUSEN, Jasper, $9,978. Noted June 29.

Ind., Plymouth—(Official)—County let contract bridge work to VAN SKYHAWK & KNOBLOCK, Bremen, $5,380. Noted June 22.

Mich., Sault Ste. Marie—State let contract 3 bridges on Brimley Rd. to SMITH & GRANUM.

Ill., Chicago—Cook County let contract Grove St. Bridge to OLTENBERG CONSTRUCTION CO., Palatine, $4,885.

Ill., Mt. Sterling—McDonough County let contract 8 bridges and culverts to MILLER & HUSBAND, Springfield, about $4,000.

Wis., Ellsworth—County let contracts bridges to E. LYNCH, New Richmond, WAUSAU IRON WORKS, Wausau, and F. BROOKSHAW, Ellsworth.

Wis., Stevens Point—County received low bids Rocky Run Bridge from Minneapolis Bridge Co., Minneapolis, $6,200, concrete, $5,675, steel. Noted Apr. 27.

Iowa, Marshalltown—(Official)—County let contract 30 bridges to PICKUS ENGINEERING AND CONTRACTING CO., Sioux City, $28,900. Noted June 29.

Iowa, Waterloo—County let contract bridge over Dry Run to THOR CONSTRUCTION CO., Waterloo, $21,190.

Kan., Larned—(Official)—Pawnee County let contract 2 rein.-con. double arch bridges over Pawnee River to TOPEKA BRIDGE AND IRON CO., Topeka, $6,300. Noted June 22.

Neb., O'Neill—(Official)—Holt County let contract bridge over Niobrara River to WESTERN BRIDGE AND IRON CO., Omaha, $9,600. Noted June 8.

N. D., La Moure—(Official)—La Moure and Dickey Counties rejected bids for steel bridge over James River. Noted June 15.

N. M., Las Cruces—(Official)—Dona Ana County let contract 5 bridges to EL PASO BRIDGE AND IRON CO., El Paso, $30,721. Noted June 8.

Mont., Coberg—County let contract bridge over Milk River to O. E. PEPPARD, Missoula, $6,797.

Tex., Austin—City let contract bridge over Waller Creek on 19th St. to McDONALD CONSTRUCTION CO., Austin, $8,785.

Utah, Salt Lake City—City let contract bridge over Jordan River to MIDLAND BRIDGE CO., $11,543. Noted June 22.

Calif., Oroville—Northern Electric Railway Co. let contract bridges over American and Feather Rivers to MISSOURI VALLEY BRIDGE CO., Leavenworth, Kan., about $55,000.

Calif., Redding—Howard S. Williams, Sacramento, $18,044, low bidder rein.-con. bridges in Shasta County.

Calif., Sacramento—(Official)—State Highway Comm. received low bid for 2 rein.-con. bridges in Shasta County, Div. 2, Route 3, Sec. C, Sacramento River and Salt Creek Bridges, from H. S. Williams, San Francisco, $18,044. Noted June 22 under Baird.

Calif., Woodland—State Highway Comm. let contract Yolo-Solano Bridge across Putah Creek to CLINTON CONSTRUCTION CO., San Francisco, $35,000.

Ont., East Williamsburg—Township Council let contract 2 rein.-con. bridges to PETROLIA BRIDGE CO., Petrolia.

N. B., Fredericton—Provincial Government let contracts superstructures of bridges: MARITIME BRIDGE CO., Scadouc River Bridge, Westmoreland County, $8,048; Armstrong Bridge, Restigouche County, $17,465; DOMINION BRIDGE CO., Aroostook Mouth Bridge, Victoria County, $33,318, Jemseg Bridge, Queens County, $35,093.

WATER-WORKS

Proposed Work

N. Y., Little Falls—City plans water mains. J. E. Stacey, Pres.

N. Y., Oneida—City election soon to vote on water-works bonds. H. M. White, Supt. Noted July 6.

N. Y., Red Creek—(Official)—Village receiving bids Aug. 10 for water plant. F. M. Jones, Village Clk. Noted June 15. (See adv.)

N. J., Morrisville—Citizens defeated bond issue for filter plant. State may take up project. Noted June 1.

Penn., Clermont—City plans water-works.

Penn., Waynesboro—City making plans for water-works. Gennett, Seayle & Fleming, Telegraph Bldg., Harrisburg, Engr.

Penn., Zelienople—City voted $12,000 water-works and electric-light plant bonds.

W. Va., Fairmont—(Official)—City receiving bids July 21 for about 10 mi. 10-, 6- and 4-in. c.-i. pipe line, concrete reservoir and pump house. F. K. Day, Div. Engr. A. Bowen, Mayor. (See adv. July 6 issue).

N. C., Leakesville—City plans water-works and sewers.

S. C., Charleston—(Press)—City to extend water and sewer systems. J. M. Worthen, Supt.

S. C., Conway—City election July 25 to vote on $10,000 water-works bonds. Noted Mar. 30.

Ga., Manchester—City soon votes on $60,000 water and sewer systems bonds.

La., White Castle—City plans water-works and electric-light plant.

Miss., Clinton—City plans to issue $7,500 water-works improvement bonds. P. H. Rutherford, Supt.

Ohio, Canal Dover—City will sell $30,000 water bonds July 24. D. Ott, Supt. Noted Apr. 27.

Ohio, Celina—City sold $18,000 water-works improvement bonds. C. H. Grey, Pres. Bd. Control. Noted June 29.

Ohio, Cleveland Heights—(Warrensville post office)—Village receiving bids Aug. 7 for mains in Scarsborough Rd. and St. James Parkway. H. H. Canfield, Village Clk.

Ohio, Coshocton—Council passed ordinance to issue $25,000 water-works bonds. A. M. Fisher, Supt.

Ohio, Dover—City receiving bids July 24 for extending water-works. P. W. Hill, Dir. Pub. Ser. Noted Apr. 27.

Ohio, East Youngstown—Bd. Pub. Affairs receiving bids July July 21 for filter plant, pumping station, pumps, etc. Chester & Fleming, Pittsburgh, Engr. Noted June 22.

Ohio, Elyria—Council passed ordinance to issue $20,000 water-works bonds. J. M. Dougherty, Supt.

Ohio, Lowellville—City receiving bids July 15 for water-works. W. Wilson, Elks Bldg., Youngstown, Engr. G. W. Krall, Clk. Bd. Pub. Affairs.

Ohio, Medina—City receiving bids July 15 for rein.-con. dam at water-works. E. R. Root, Pres. Bd. Pub. Affairs. F. L. Rollins, Supt.

Ohio, New Philadelphia—City receiving bids July 24 for $80,000 water-works bonds. E. F. Wible, Audr.

Ohio, Shakers Heights—(Cleveland post office)—City receiving bids Aug. 1 for $269,098 water mains, sewers and paving bonds. C. A. Palmer, 3855 Coventry Rd., Clk.

Mich., Ford—Village voted $26,472 water-works bonds. Noted June 15.

Mich., Sparta—City making plans for pumping station. R. Rumsey, Engr.

Ill., Dixon—Bd. Administration, Springfield, receiving bids Aug. 1 for 2 pump houses, steel tank and steel tower and accessories, State Colony Epileptics. Frank D. Whipp, Fiscal Superv.

Ill., Virden—Fuller, Coult Co., 721 Olive St., St. Louis, Mo., receiving bids about Aug. 15 for water system, about $75,000. Noted Dec. 30.

Iowa, Boone—City plans to extend mains. K. C. Kastberg, Supt.

Iowa, Cedar Rapids—See item under "Sewers."

Iowa, Clermont—(Official)—Council receiving bids July 28 for water system. About $18,000. W. R. Blake, Mayor. Noted June 22.

Iowa, Essex—City election July 18 to vote on $10,000 water-works bonds.

Iowa, Ossian—Town receiving bids July 18 for water-works. A. R. Coffeen, Decorah, Engr. Noted June 15.

Minn., Argyle—See item under "Light, Heat and Power."

Kan., Greensburg—City plans to issue $30,000 water-works bonds.

Kan., Topeka—City making plans for concrete reservoir. A. R. Young, City Engr. Noted June 8.

Neb., Auburn—(Official)—City did not vote water-works bonds as stated in issue of June 29.

S. D., Montrose—City sold water-works bonds.

N. D., Garrison—City receives bids soon for water and sewer systems. P. R. Atkinson, Bismarck, Consult. Engr. R. W. Lumry, City Engr. Noted May 25.

Wyo., Lovell—City sold $60,000 water-works and sewer bonds.

Mont., Sheridan—City receiving bids Aug. 2 for water system. About $28,000. G. E. Baker, Whitehall, Engr. Noted July 6.

Mo., Chaffee—City receiving bids July 28 for water-works and sewer system. E. D. Preston, City Clk. F. L. Wilcox, Syndicate Trust Bldg., St. Louis, Engr. Noted June 22.

Mo., Glasgow—Bd. Pub. Wks. plans to improve water-works. R. F. Blacet, Supt.

Mo., Hamilton—City made preliminary plans for water-works. About $45,000. Noted Apr. 13.

Mo., Marceline—City plans to install filter plant. About $10,000. J. S. Chumley, Supt.

Mo., Paris—City making plans for filter plant. About $15,000. W. B. Rollins & Co., 439 Midland Bldg., Kansas City, Engr. G. B. Blakey, Supt. Noted June 29.

Tex., Dallas—City receives bids for new pipe and fittings. About $12,000. R. R. Nelins, Supt.

Tex., East Tawas—City plans new water-works. J. M. Dilworth, Supt.

Tex., Fredericksburg—City to improve water system.

Tex., Sherman—Citizens voted $30,000 water-works bonds. H. L. McDuffie, Supt. Noted Feb. 24

Tex., Vernon—City election July 20 to vote on $122,000 water-works bonds. A. J. Robinson, Supt. Noted June 1.

Okla., Cleveland—City election soon to vote on $50,000 water-works bonds.

Okla., Eufaula—City receiving bids July 24 for water-works improvements. M. Smith, City Engr. Noted June 29.

Okla., Miami—City election July 18 to vote on water and electric-light systems bonds. A. L. Sailors, Supt.

Okla., Poteau—City election July 29 to vote on $85,000 water-works bonds. Benham Engineering Co., Oklahoma, Consult. Engr.

Colo., Englewood—City plans water system.

Ore., Canby—(Official)—City receiving bids July 17 for water system. P. L. Hammond, Recdr. Noted June 15.

Calif., Hollywood—City sold $1,020,000 bonds for purchase and improvement of Union Hollywood Water Co. plant. Noted Feb. 3.

Que., Pointe aux Trembles—Council plans water system.

Ont., Hamilton—City plans 20-in. main to furnish water along Paradise Rd. About $10,000.

Ont., Windsor—Essex Border Pub. Utilities Comn. appointed Bd. of Engrs. to make plans for joint water and sewage systems for Windsor, Walkerville, East and West Sandwich, Ford and Ojibway. About $1,500,000 to $2,000,000. Citizens to vote on project.

Man., Brandon—City to install 4,000,000-gal. pump. A. W. Shaw, Supt.

Man., Winnipeg—City receiving bids July 18 for water-works valves. M. Peterson, Secy. Bd. Control.

Bids In and Contracts Awarded

N. J., Newark—Jaehnig & Peoples, $5,900, low bidder for water tower at Ivy Hill Almshouse. Noted June 22.

Penn., Wilkinsburg—Pennsylvania Water Co. let contract filtration plant to PITTSBURGH CONSTRUCTION CO., 1217 Fulton Bldg., Pittsburgh.

La., Oakdale—(Official)—City let contract water system to J. R. SUTHERLIN CO., Kansas City, Mo., $40,000. Noted June 15.

Ohio, East Liverpool—City let contract automatic filter control apparatus to PITTSBURGH FILTER MANUFACTURING CO., Pittsburgh.

Ohio, Greenwich—City let contract pump work for improving water system to McGOWAN PUMP CO., 52 Central Ave., Cincinnati. Noted June 15.

Ohio, Ironton—City let contract mains to SHERER, MOUNTAIN & GRIMES, $65,500.

Ohio, Lakewood—(Official)—City let contract water and sewer connections to G. GAUTOSE, $14,795.

Mich., Mt. Clemens—Bd. Water Comrs. let contract filter plant to PITTSBURGH FILTER MANUFACTURING CO., Pittsburgh. A. Keils, Supt.

Wis., Milwaukee—(East Milwaukee)—Village let contract water mains to G. E. ZIMMERMAN, 3702 McKinley Blvd., Milwaukee.

Iowa, Ankeny—(Official)—City let contract water system to DES MOINES BRIDGE AND IRON CO., Des Moines, $8,240. Noted June 22.

Minn., McKinley—City let contract water mains to BOYLAN & CO., Virginia, about $6,000. Noted Dec. 16.

Minn., St. Paul—City contract castings and small pipe connections for two 48x24-in. Venturi Meters to U. S. CAST IRON PIPE CO., J. D. CLOW CO. and COLDWELL, WILCOX CO. About $25,000. Noted May 11.

Neb., Dodge—City let contract well to A. E. SCHOLTE.

Mont., Malta—City let contract water and electric-light systems in Dodson Improvement District No. 1 to G. W. KEMPER, Minot, N. D., $34,665.

Tex., Corpus Christi—City to install settling basin by day labor. About $7,000.

Utah, Garland—(Official)—City let contracts water system; construction, GREEN ENGINEERING AND CONTRACTING CO., $10,394; pipe, BURTON-COTTON LUMBER CO., $10,488; pipe, valves, hydrants and fittings, D. C. DUNBAR, $2,282. Noted June 22.

Wash., Hoquiam—(Official)—Hoquiam Water Co. will build dam at Davis Creek by day labor. About $4,000. H. L. Heermans, Pres. and Mgr. Noted June 22.

Ore., Oregon City—(Official)—City let contract reservoir to LITHERLAND & ABREY CO., Beck Bldg., Portland, $29,522. Noted June 8.

N. S., Trenton—Town let contract mains to GAMMON & WEIR, New Glasgow, $8,150.

Que., St. Hyacinthe—Roberts Filter Manufacturing Co., Philadelphia, $81,000, low bidder for filter plant. Noted Apr. 27.

SEWERS

Proposed Work

N. Y., Kenmore—City making plans for storm water sewers in Myron Ave. About $20,000. White & Getman, Mutual Life Bldg., Buffalo, Engr.

N. Y., New York—(Borough of Manhattan)—Marcus M. Marks, Borough Pres., Room 2032, Municipal Bldg., receiving bids July 17, for sewer in portion West 134th St.

N. Y., New York—(Borough of Manhattan)—Marcus M. Marks, Borough Pres., Room 2032 Municipal Bldg., receiving bids July 18 for receiving basins altered and improved in portions Park, 6th, 3d, Madison Ave., 22d and Beekman St. and Bowery.

N. Y., Norwich—City receiving bids July 20 for sewers in Sheldon and Park St. J. C. Robinson, City Clk.

N. Y., Oxford—(Official)—Bd. of Mgrs., New York State Womens Relief Corps Home, receiving bids July 18 for sewage-disposal plant. G. Griffith, Pres. Bd. of Mgrs. (See adv. July 6 issue).

N. Y., Plattsburgh—City making plans for trunk sewer in Bridge St. About $6,000. H. Langlois, City Hall, Engr.

N. Y., Thiells—(Official)—F. A. Vanderlip, Pres. Bd. Mgrs., Letchworth Village, 7 Wall St., New York, receiving bids July 20 for sewers in laundry building. (See adv.)

Penn., Reading—City plans $200,000 bond issue for house sewer district No. 14 in northeastern section.

Penn., Waynesboro—City making plans for sewer system. Gennett, Seayle & Fleming, Telegraph Bldg., Harrisburg, Engr.

Penn., Woodlawn—City making plans for storm sewers in Station St. W. M. Anderson, Engr.

Ga., Manchester—See item under "Water Works."

Ohio, Ironton—City making plans sanitary sewer in South 6th and Pine St. About $5,750. L. G. Howell, City Engr.

Ohio, Marietta—City receives bids about July 23 for sewer in 10th St. E. F. Gates, City Bldg. Engr.

Ohio, Salem—City made plans sewer in West Dry St. B. M. French, City Engr.

Ohio, Shaker Heights—(Cleveland post office)—See item under "Water-Works."

Ohio, Sidney—City plans to issue $19,700 sewer bonds. T. Blake, City Engr.

Ind., Goshen—City plans sewer in North 5th St. J. W. Haverly, Engr.

Ind., Muncie—City receiving bids July 15 for 2 sewers. J. R. Kelly, City Clk.

Mich., Ann Arbor—(Official)—Bd. Pub. Wks. receiving bids July 19 for storm and sanitary sewers, about $25,000. M. Osgood, City Engr.

Mich., Pontiac—City plans sewer in Wisner St.

Ill., Batavia—City making plans for sanitary and storm sewers. H. G. Wells, Coulter Bldg., Aurora, Engr.

Ill., Fairfield—Bd. of Local Impvts. receiving bids July 17 for sewers in Central Paving District. A. J. Poorman, Pres.

Ill., Springfield—City plans sewers in portion Jackson St. and Moffatt Ave. Wade Seeley, City Engr.

Ill., Springfield—City plans sewers in Sangamon St. About $6,660.

Ill., Wilmington—City will install sewer system, $75,000.

Wis., Kaukauna—City receiving bids July 22 for sewers in 10th and Crooks St. L. C. Wolf, City Clk. Noted Mar. 2.

Wis., Marinetta—City receiving bids July 18 for sewers.

Wis., Wausau—City making plans sanitary sewers in various streets. B. C. Gowan, Engr.

Iowa, Ames—City plans 17,000 ft. sanitary sewers. J. Q. Wickham, City Engr.

Iowa, Des Moines—City plans sanitary sewer in Chariton Ave. K. C. Kastberg, City Engr.

Iowa, Durant—City making plans for sewer system. D. G. Fisher & Co., 213 Whitaker Bldg., Davenport, Engr.

Iowa, Elkader—City making plans for sewers. Bids about July 26. M. Tschirgi & Son, 712 American Trust Bldg., Cedar Rapids, Engr.

Iowa, Ottumwa—City plans storm and sanitary sewers in North Green St. and Park Ave. John Brady, City Engr.

Iowa, Sioux City—Council passed resolution for sanitary sewer system and pumping plant in Palmer, Hedges and Cheneys Morningside Additions. T. H. Johnson, City Engr.

Iowa, Stuart—City receiving bids July 24 for 6,758 ft. 12-in., 8,195 ft. 10-in., 25,819 ft. 8-in., and 39,953 ft. 6-in. sewer pipe. G. F. Taylor, City Clk. T. S. DeLay, Creston, Consult. Engr. Noted Apr. 20.

Iowa, Wilton Junction—City making plans for sewer system. D. G. Fisher & Co., Whitaker Bldg., Davenport, Engr.

Minn., Breckenridge—City receiving bids July 17 for sewers. L. H. Standring, City Clk.

Minn., Madelia—City plans sewers in Fountain St.

Kan., Chanute—Council passed resolution for sewer from Beech to Chestnut St. G. N. Wood, City Engr.

Kan., Glasgo—City receiving bids July 21 for sanitary sewer outlet. Mary L. Byerly, Clk. School Dist. No. 5. O. E. Noble, Engr. Noted June 8.

Neb., Kearney—(Official)—City votes Aug. 15 on $50,000 sewer bonds, 2nd and 3rd wards. T. N. Hartzell, City Clk. Noted June 22.

Neb., Oxford—(Official)—City making preliminary plans for sewer system. About $12,000. A. Arnsberger, Clk. Grant & Fulton, Lincoln, Engr.

Neb., Wymore—City election Aug. 15 to vote on $16,500 sewer bonds. J. L. Hershey, Beatrice, Engr. Noted June 29.

Mont., Walkerville—City making plans sanitary sewer system. C. Feeney, Engr. Noted July 6.

Mo., Higginsville—City making plans for sewer system. Burns & McDonnell, 400 Interstate Bldg., Kansas City, Engr.

Mo., Joplin—City plans $15,000 sewer bonds. J. J. McAfee, City Engr.

Mo., Kirksville—City plans sanitary sewer, about $6,000. C. Downing, Court House, Engr.

Okla., Cordell—City soon votes on $25,000 sewer bonds.

Okla., Enid—Council passed ordinance sewers in Dist. 6 L. Bids soon. B. F. Lewis, City Engr.

Okla., Okemah—City soon votes on sewer bonds.

Okla., Wynne Wood—City plans sewer bond issue.

Calif., Folsom City—City plans $20,000 sewer bond isue.

Bids In and Contracts Awarded

Conn., Greenwich—(Official)—Joint Sewage Comn. received bids June 29 for sewage-disposal works and pumping station for Borough and Sewer District No. 6 from Suburban Engineering Co., 15 West 38th St., New York, $67,662; Averill-Mathews, 919 Essex Bldg., Newark, $71,365; Carrington Construction Co., Jersey City, $77,651. Noted June 15.

N. Y., New York—(Borough of Brooklyn)—(Official)—Low bids received July 5 for sewers in portion Pacific St. and Troy Ave. from B. G. D. Co., $111,039; Rice & Galey, $114,807; Murphy Bros., $118,483. Noted June 29.

N. Y., New York—(Borough of Brooklyn)—(Official)—Low bids received July 5 for sewers in portion (a) Bay 29th St., (b) 76th St., (c) Beverly Rd., (d) sewer basins on Benson Ave. from Pasquall Tomasetti, 1133 60th St., (a) 89%; A. F. Koch, Inc., (b) 97.7%; E. Ghilardi Contracting Co., 1217 47th Ave., (b) 109%, (c) 114%; Murphy Bros., 25th and Cropsey Ave., (b) 111%, (c) 122%, (d) 132%; Frank L. Paino, (c) 119%; A. Paino, (a) 95%, (d) 135%; J. C. Schrade, (a) 105%, (d) 133%. Noted June 29.

N. Y., New York—(Borough of Manhattan)—(Official)—Borough let contracts receiving basins altered and improved in Grand and Delancey St. to WALTON CONTRACTING CO.; Broadway, CAPARINI & DEBLASIO; 125th St., MELROSE CONSTRUCTION CO. Noted June 22.

N. Y., Oneida—City let contract sewers, Willow and Fitch St., to A. L. NIXDORF, about $8,121. Noted June 29.

N. J., Plainfield—(Official)—City received low bids for sewage pumping station, pipe sewer, etc., from: Lang & Haslam Co., Ridgefield, $115,235; J. Ferry & Sons, Inc., Pulaski near Lafayette Ave., Baltimore, $119,113; J. F. Bush Co., 718 Monroe Ave., Plainfield, $124,202. Noted June 22.

Penn., Philadelphia—City let contract sewer in Oregon Ave. to G. N. YOUNG, 2316 South Broad St., $6,000.

Penn., Pittsburgh—(Brentwood)—City let contract sanitary and trunk sewer from Dist. No. 1 along Brentwood and Cowan Rd. to proposed disposal plant to F. GEORGE, 7121 Jenkins Arcade.

Penn., Williamsport—City let contract sewer, High St., to J. McCADDEN.

Ohio, Euclid—City let contract sewers to GOULD & MAYBACH, 823 East 150th St., Cleveland. Noted June 1.

Ohio, Lakewood—See item under "Water-Works."

Ind., Michigan City—City let contract sewers to AUGUST SCHNEIDER. Noted June 8.

Mich., Crosse Pointe—City let contract sewer in Notre Dame Ave. to C. CRONIN. Noted Mar. 23.

Mich., Lansing—City let contract sewers in Maryland, Congress St., etc., to FISHER & NOYCE, $8,700.

Mich., St. Clair Heights—City let contract sewers to A. ROHRIG. Noted Feb. 3.

Ill., East St. Louis—City let contract sewer in Bowman Ave. to KEELY BROS., $38,900. Noted Oct. 21.

Ill., Elmhurst—City let contract sewers to J. M. BAKER, Maywood. Noted Jan. 13.

Ill., Rockford—City let contract sewer to G. W. MULHOLLAND. Noted Mar. 2.

Wis., Elkhart Lake—City let contract sewers to R. P. KUEHN, Aurora, Ill., $14,107. Noted Apr. 13.

Wis., Manitowoc—City let contract storm sewers to GRAY-ROBINSON CO.

Wis., Oconto—City let contract sanitary and storm sewers to YOUNG BROS.

Iowa, Cedar Rapids—Park Side Realty Co. let contract sewer system and water mains in Beaver Woods Addition to W. A. EDGAR, care Anderson Land Co., Masonic Temple Bldg., about $20,000. Noted Apr. 20.

Minn., Thief River Falls—(Official)—City let contract sewers to ROBINSON-VANALSTINE CO., Grand Forks, N. D., $8,024. Noted June 29.

Minn., Windom—City let contract sewers to REDDING & SMAAGE.

Neb., Aurora—City let contract sewers in 11th St to J. H. VAN WORMER, Aurora, $4,998. Noted June 15.

Neb., Omaha—City let contract storm sewer in Minnie Lusa Addition to J. J. HANNIGHEN CO., Omaha, $57,000.

N. D., Jamestown—City let contract sewage-disposal plant and septic tank to W. DANFORTH, 411 Hackney Bldg., St. Paul, $68,500.

Tex., Clarksville—City let contract improving sewage disposal plant to E. D. RUMSDEN, Sherman, $4,061. Noted Apr. 6.

Calif., Reedley—City let contract improving sewer system to O. FREDERICKSON, Fresno, $6,428.

Calif., Stockton—City let contract sewer on Fair Oaks Ave., East, Oak and West St. to F. C. McINTYRE, 215 East Weber St., $49,450.

GARBAGE

Proposed Work

N. J., Belleville—(Official)—Com. Pub. Bldg. Bd. Chosen Freeholders Essex County, Court House, Newark, receiving bids July 19 for incinerator plant at Essex County Hospital for Contagious Diseases. A. L. Lacombe, Chn.

Iowa, Madrid—R. T. Jones plans garbage incinerator plant. About $12,000. A. C. Frisk, 1219 East 14th St., Des Moines, Arch.

Okla., Tulsa—City plans garbage incinerator. E. C. Hughes, City Engr.

STREETS AND ROADS

Proposed Work

Maine, Augusta—State Highway Comn. receiving bids July 19 for state highway improvement. Paul D. Sargent, Augusta, Ch. Engr.

Mass., Springfield—Bd. Aldermen voted $96,000 bonds paving portion South St. F. H. Clark, City Engr.

N. Y., New York—(Borough of Bronx)—Douglas Mathewson, Borough Pres., Municipal Bldg., Crotona Park, receiving bids July 18 for paving portion Jerome Ave., sheet asphalt and granite block.

N. Y., New York—(Borough of Brooklyn)—L. H. Pounds, Borough Pres., Room 2, Borough Hall, receiving bids July 19 for improving various streets.

N. Y., New York—(Borough of Manhattan)—Marcus M. Marks, Borough Pres., Room 2032 Municipal Bldg., receiving bids July 17 for repaving portions Beekman, Grand, 22d, 25th, Lafayette, 49th, 63d and Delancey St.

N. Y., New York—(Borough of Queens)—Maurice E. Connolly, Borough Pres., 3d Floor, Borough Hall, Jackson Ave. and 5th St., Long Island City, receiving bids July 19 for improving portion Putnam, Thomson and Van Alst Ave., Meadow, John and 88th St.

N. Y., New York—(Borough of Richmond)—(Official)—Calvin D. Van Name, Borough Pres., Borough Hall, St. George, New Brighton, receiving bids July 20, for repaving portion Bennett St., brick.

N. Y., New York—(Borough of Richmond)—Calvin D. Van Name, Borough Pres., Borough Hall, St. George, New Brighton, receiving bids July 21, for repaving portion south wing Richmond Terrace, bituminous concrete.

N. J., Bayonne—City made plans for improving 29th St. W. L. Clarkson, City Engr.

N. J., Bound Brook—(Official)—Mayor and Council receiving bids July 18 for paving certain streets, brick and granite block. F. A. Dunham-Clarin Co., 109 Park Ave., Plainfield, Engr.-in-Charge. (See adv.)

N. J., Chesterfield—Council sold $12,000 road bonds.

N. J., Collingswood—Citizens defeated $140,000 paving bonds. Noted May 25.

N. J., Elizabeth—Union County to spend $53,537 for paving. Address County Clerk, Elizabeth.

N. J., Hoboken—City Comrs. sold $65,000 paving bonds. J. O. Whitmore, City Engr.

N. J., Newark—Bd. St. and Water Comrs receiving bids July 20 for improving Amsterdam, Frankfort and North 11th St. M. R. Sherrard, City Engr.

N. J., Rutherford—City rejected bids for macadamizing portion East Pierrepont Ave. and The Terrace. New bids. R. M. Watson, City Engr.

Penn., Bradford—(Official)—City receiving bids July 17 for paving portion Kendall and Bagley Ave. and Clarence St., vitrified brick. About $23,000. B. A. Wise, City Engr.

Penn., Du Bois—City lets contract about Aug. 1 for paving North Brady and Long Ave., brick, about $20,000. R. V. Bloom, City Clk.

Penn., Lock Haven—City plans to repave portion Henderson and East Main St., vitrified brick.

Penn., Pittsburgh—Council passed ordinance to improve portion Riverview Ave. About $17,200. R. Swan, City Engr.

Penn., Washington—County receiving bids July 24 for resurfacing with concrete Zollarsville Rd. T. J. Underwood, Washington, Controller.

Penn., Windber—(Official)—City receiving bids July 20 for paving about 5,700 sq.yd., vitrified blocks. W. J. Vickroy, City Engr. Noted June 15.

Md., Baltimore—State Roads Commission plans to pave Liberty Heights Ave. Frank H. Zouck, Chn.

Md., Baltimore—City plans to pave portion Lexington Ave. and Hull St. R. M. Cooksey, City Engr.

W. Va., Bluefield—(Official)—Council receiving bids July 21 for paving about 15,000 sq.yd. bituminous macadam, 1,400 lin.ft. curb and gutter, 1,600 sq.yd. concrete pavement. H. O. Wiles, City Engr. (See adv. July 6 issue.)

W. Va., Burnsville—City receiving bids July 18 for 1-mi. brick paving. D. D. Britt, Empire Bldg., Clarksburg, Engr. Noted June 8.

W. Va., Wellsburg—Brooke County voted $800,000 road bonds. G. C. Wells, Wellsburg, Comr. Noted May 25.

N. C., Greenville—Pitt County election Aug. 15 to vote on $50,000 road bonds. Address County Clerk, Greenville. Noted June 22.

N. C., Monroe—City plans paving.

Ga., Atlanta—Council passed ordinance for paving Peachtree St. H. V. Hurt, City Engr.

Ga., Washington—Citizens defeated paving bonds.

Fla., Ocala—Marion County plans $950,000 road-bond issue. Address County Clerk, Ocala.

Ala., Ashville—St. Clair County receiving bids Aug. 2 for improving portion Ashville and Springville Rd. W. S. Keller, Montgomery, State Highway Engr.

Ala., Birmingham—Bd. Revenue Jefferson County receiving bids Aug. 14 for road from Birmingham to Warrior River, about 14 mi. G. H. Clark, Birmingham, County Engr. (See adv.)

Ala., Evergreen—Conecuh County receiving bids Aug. 1 for improving portion Evergreen-Castleberry Rd. I. B. Rutledge, Evergreen, Rd. Superv.

La., Lake Charles—City receiving bids July 27 for paving portion Lawrence St., brick. E. L. Gorham, City Engr.

Tenn., Savannah—(Official)—Hardin County receives bids for grading and graveling roads. A. A. Watson, Savannah, County Judge. Noted June 22.

Ky., Albany—(Official)—Clinton County Fiscal Court receiving bids July 22 for 11½ mi. pike roads. J. G. Sloan, Albany, Clk. Noted June 29.

Ky., Campbellsville—Franklin County plans 2 mi. road. Address County Clerk, Campbellsville.

Ky., Flemingsburg—Fleming County defeated $150,000 road bonds. Noted May 18.

Ky., Hopkinsville—(Official)—Christian County receiving bids July 18 for 85 mi. road work. About $150,000. C. Folsom, Hopkinsville, Rd. Engr. Noted June 8.

Ky., Wickliffe—(Official)—Ballard County receiving bids July 17 for road improvement. R. Wiley, Frankfort, Comr. Pub. Rd.

Ohio, Cleveland—Cuyahoga County receiving bids July 22 for improving portion Richmond Rd. No. 4. E. G. Krause, Cleveland, Clk.

Ohio, Dillonvale—Council receiving bids Aug. 1 for paving portion 2d St. and North Railroad Alley. Martin Camfield, Clk.

Ohio, Euclid—Village receiving bids Aug. 14 for $5,000 road bonds. H. S. Dunlop, Clk.

Ohio, Forest—Council sold $10,000 streets improvement bonds.

Ohio, Greenville—Council pased ordinance to improve Spring St. and Meeker Ave.

Ohio, Kent—Village will sell $11,000 paving bonds July 22. F. Bechtle, Clk.

Ohio, Marion—City receiving bids July 18 for sidewalks on various streets. H. A. Stevens, Clk., Bd. Pub. Ser.

Ohio, Mt. Gilead—City receiving bids July 19 for paving Cherry and Union St. H. C. Little, Mayor. Noted June 8.

Ohio, Mt. Gilead—Council passed resolution to pave East High and East Marion St. H. C. Little, Mayor.

Ohio, Mt. Gilead—County receiving bids July 21 for improving Sexton-Thacher and Beech-Grove Rd. C. F. Clements, Mt. Gilead, Engr.

Ohio, New Washington—Village sold $23,813 street bonds.

Ohio, Shaker Heights—(Cleveland post office)—See item under "Water-Works."

Ohio, Toledo—City received estimate for paving Broadway and Waite Ave. at $42,220; Kingsbury St., $4,412. G. Champe, 610 Nasby Bldg., Engr.

Ohio, Toledo—(Official)—City receiving bids July 25 for paving and repaving 20 streets and alleys. About $230,000. D. H. Goodwillie, Dir. Pub. Ser.

Ohio, Wapakoneta—City lets contract curbing, guttering and paving Middle and West Auglaize St. about Aug. About $35,000. H. C. Wintz, Dir. Pub. Ser.

Ohio, Wauseon—(Official)—Fulton County sold $75,000 road bonds. C. O. Castle, County Engr. Noted June 22.

Ohio, West Park—Village receiving bids July 24 for paving portion Barthelman Ave. and sidewalks on West Park Blvd., Riverside Dr. and Warren-Triskett Rd. Lander Engineering Co., American Trust Bldg., Cleveland, Engr. Fren Feuchter, Village Clk.

Ohio, Youngstown—(Official)—City receiving bids July 21 for improving Wirt, Park, Adams and Harrison St. F. M. Lillie, City Engr. Noted May 4.

Ohio, Youngstown—(Official)—City receiving bids July 21 for paving Calvin St. F. M. Lillie, City Engr. Noted Apr. 20.

Ohio, Zanesville—Muskingum County will sell $44,000 paving bonds July 27. C. W. Tanner, Zanesville, County Audr. R. Strait, Engr.

Ind., Beech Grove—Bd. Trustees receiving bids July 18 for improving 6th Ave. Frank Baker, Town Clk.

Ind., Brownstown—Jackson County receiving bids Aug. 7 for macadam road in Vernon Township. A. Luedtke, Brownstown, Audr.

Ind., Columbia City—Whitley County receiving bids Aug. 9 for roads in Jefferson Township. T. A. McLaughlin, Columbia City, Audr.

Ind., Columbus—Bartholomew County receiving bids Aug. 3 for gravel road in Flatrock Township. W. H. Scott, Columbus, Audr.

Ind., Gary—City receiving bids Aug. 1 for paving Virginia St. W. J. Fulton, City Engr.

Ind., Greenfield—Hancock County receiving bids July 29 for macadam and brick road in Vernon Township. H. J. Rhue, Greenfield, Audr.

Ind., Greensburg—Decatur County receiving bids Aug. 7 for road in Washington Township. J. C. Barbe, Greensburg, Audr.

Ind., Indianapolis—Marion County receiving bids July 28 for gravel road in Pike Township. Leo K. Fesler, Indianapolis, Audr.

Ind., Indianapolis—Marion County receiving bids July 28 for gravel roads in Center Township. Leo K. Fesler, Indianapolis, Audr.

Ind., Indianapolis—Bd. Pub. Wks. receiving bids July 28 for curbing and paving portion Pennsylvania, Ruckle, Shriver and Tacoma St. B. J. T. Jeup, City Engr.

Ind., Indianapolis—Bd. Pub. Wks. receiving bids July 26 for improving portion Harlan St. B. J. T. Jeup, City Engr.

Ind., Jeffersonville—Clark County receiving bids Aug. 7 for road in Silver Creek Township. G. W. Stoner, Jeffersonville, Audr.

Ind., Lebanon—Boone County receiving bids Aug. 8 for road in Eagle Township. C. Goodwin, Lebanon, Audr.

Ind., Muncie—Delaware County receiving bids July 29 for macadamizing roads in Center and Liberty Townships. F. M. Williams, Muncie, Audr.

Ind., Newport—Vermilion County receiving bids Aug. 7 for gravel road in Clinton Township. R. Slater, Newport, Audr.

Ind., Valparaiso—Porter County receiving bids Aug. 8 for gravel roads in Portage and Liberty Townships. C. A. Blachley, Valparaiso, Audr.

Mich., Lansing—Citizens voted $71,000 paving bonds, streets include Larch, Baker, Kalamazoo, Walnut and Bingham St. and Michigan Ave. H. W. Sparks, City Engr. Noted June 22.

Mich., Marshall—Calhoun County election Nov. 7 to vote on $800,000 road bonds. Address County Clerk, Marshall.

Mich., Newberry—Luce County plans 8 mi. macadam road. Address County Clerk, Newberry.

Mich., Spring Lake—(Official)—Village rejected bids paving State St. New bids. W. D. Spencer, Village Clk. Noted June 29.

Ill., Carmi—White County plans 10 mi. gravel road. M. Martin, Carmi, County Clk.

Ill., Champaign—Council plans paving East Park Ave. and 3d St. About $25,874. F. C. Lohman, Engr.

Ill., Galesburg—Knox County plans $1,000,000 road bonds. H. M. Butt, County Engr.

Ill., Rantoul—City plans to pave Chandler St.

Ill., Rock Island—City Commission voted to pave portion Railroad Ave., brick, about $23,476. W. Treichler, City Engr.

Ill., Springfield—City rejeted bids paving portion 2nd St. New bids. W. D. Seeley, City Engr.

Wis., Fond du Lac—Bd. Pub. Wks. receiving bids July 20 for paving Scott St. J. S. McCullough, City Engr.

Wis., La Crosse—Bd. Pub. Wks. receiving bids July 21 for paving several streets.

Iowa, Burlington—City plans paving 9th St. H. G. Vollmer, City Engr.

Kan., Larned—Council passed resolution to pave portion Kansas and Santa Fe St. L. D. Burgess, City Clk.

Kan., Newton—Council passed resolution to pave portion Ash St. F. E. Devlin, City Engr.

Kan., Olathe—Johnson County receiving bids July 29 for macadamizing portion Abbott Rd. W. J. Moore, Olathe, County Clk. G. Pike, County Engr.

Mont., Missoula—(Official)—City receiving bids July 18 for 11,700 sq.yd. paving in Special Improvement District No. 42. R. E. Kellogg, City Clk., E. S. Hathaway, City Engr.

Mo., Higginsville—Council passed resolution to pave portion Washburn St., brick. R. Huscher, Clk.

Mo., Jefferson City—Cole County election soon to vote on $300,000 road bonds. Address County Clk., Jefferson City.

Mo., Joplin—City making plans for paving portion McKinley and Highland Ave. J. J. McAfee, City Engr.

Mo., Maryville—Nodaway County, Washington Township, voted $25,000 road bonds. Address County Clerk, Maryville.

Mo., Richmond—Council passed resolution to pave portion East Main St., brick.

Mo., Salem—Dent County election June 15 to vote on $160,000 road bonds. J. H. McDonald, Salem, Clk.

Mo., Sedalia—Council passed resolution to pave portion 4th St. F. T. Leaming, City Engr.

Mo., Sedalia—(Official)—City receiving bids July 17 for 2,000 sq.yd. concrete pavement and 1,500 ft. storm sewer. About $4,000. F. T. Leaming, City Engr. Noted June 22.

Mo., Springfield—City making plans for paving portion Harrison St. O. D. Chrisman, City Engr.

Ark., Helena—Phillips County Rd. Improvement District No. 1 receives bids about Aug. 1 for 2 mi. concrete roadway. About $24,000. W. E. Winn, Helena, Engr.

Ark., Texarkana—(Official)—Property owners to lay sidewalks on Broad, Pine and Vine St. Noted June 29.

Tex., Beeville—Citizens petitioned Bee County for election to vote $300,000 road bonds. Address County Clerk, Beeville.

Tex., Dallas—City plans paving portion Sunset Ave. H. Moseley, City Engr.

Tex., Dallas—City plans to pave portion Beckley Ave., about $100,000. H. Moseley, City Engr.

Tex., Greenville—Hunt County election July 19 to vote on $1,400,000 road bonds. H. O. Norwood, Greenville, Judge. Noted Apr. 6.

Tex., Hillsboro—City election July 29 to vote on $10,000 street improvement bonds. F. C. Metzger, City Engr.

Tex., Sherman—Citizens voted $50,000 street-improvement bonds. O. J. Ellingsson, City Engr. Noted June 15.

Tex., Stratford—Sherman County to grade 8 mi. and repair several roads. Address County Clerk, Stratford.

Okla., Mangum—Greer County election Aug. 1 to vote on $200,000 road bonds. Address County Clerk, Mangum.

Okla., Sallisaw—Sequoyah County, Vian District, voted $24,000 road bonds. Address County Clerk, Sallisaw. Noted May 25.

Idaho, Boise—City voted $30,000 bonds for paving Harrison, 8th, 16th, Jefferson St. and Harrison Blvd. C. C. Stevens, City Engr. Noted May 11.

Idaho, Lapwai—Citizens defeated $150,000 highway bonds.

Idaho, Rexburg—See item under "Bridges."

Utah, Salt Lake City—(Official)—City receiving bids about Aug. 20 for concrete highway from 2nd West St. to Davis County line. About $38,000. S. Q. Cannon, City Engr. Noted May 25.

Wash., Camas—City making plans paving, curbing and sidewalks on various streets. C. E. Farr, City Clk.

Wash., Olympia—State Highway Comn. receiving bids July 24 for gravel surfacing 1.3 mi. Pacific Highway.

Wash., Port Townsend—Jefferson County to spend $12,000 for road to Leland Valley. Address County Clerk, Port Townsend.

Wash., Spokane—County Comrs. passed resolution for 2 mi. paved highway on Green Bluff Prairie, about $10,000. J. W. Strack, County Engr.

Ore., Salem—City plans to pave South Church St., concrete. W. Skelton, City Engr.

Calif., Eureka—Humboldt County election Aug. 29 to vote on $1,500,000 road bonds. Address County Clerk, Eureka. Noted June 22.

Calif., Exeter—City making plans for 300,000 sq.ft. concrete pavement. H. D. Watts, City Engr.

Calif., Lindsay—City plans 90,000 sq.yd. concrete pavement. H. D. Watts, City Engr.

Calif., South Pasadena—City making plans for paving Fremont Ave., concrete. G. E. Hill, City Engr.

Calif., South Pasadena—City plans election to vote on $50,000 paving bonds.

Que., Montreal—Council voted $33,000 bonds for paving St. Lawrence St. and $36,000 repaving St. Catherine and Dorchester St. P. E. Mercier, City Engr.

Ont., Hamilton—T. Allison, Rd Supt Wentworth County, estimates cost rebuilding Binbrook Rd. at $13,000.

Bids In and Contracts Awarded

Mass., Adams—City let contract paving Summer St. to D. S. McGRATH, Adams.

Mass., Dedham—City let contract improving portion Ames St. to SULLIVAN & McGRONE, Somerville.

Mass., Lowell—(Official)—City to widen School St. by day labor. About $7,000. Noted June 29.

Conn., Bristol—(Official)—City let contract paving Main St. to BARBARA & D'AURIOLA, 63 Bank St., Waterbury, $3.85 sq.yd. Noted June 29.

Conn., Torrington—(Official)—City let contract improving Main St. to RHODE ISLAND CONSTRUCTION CO. Noted June 29.

N. Y., Albany—(Official)—Low bids received July 10 by Edwin Duffey, State Highway Comr., Albany, for constructing and repairing highways from: Road No. 948-A, Voorheesville-New Salem, Albany County, 0.17 mi.—Burham & Rose, Albany, $2,212; C. S. Mathusa, Albany, $2,292. Road No. 1371, Watervliet-Cohoes, Albany County, 0.88 mi.—Sewage Disposal and Water Plant Co., Schenectady, $26,562; A. Hisler & L. J. Devlin, Albany, $26,878; Fallkill Construction Co., Poughkeepsie, $27,311. Road No. 5607, Franklinville-Machias, Cattaraugus County, 4.73 mi.—No bids received. Road No. 5610, Montezuma-Port Byron, Cayuga County, 4.39 mi.—Sullivan Construction Co., Syracuse, $66,365; Guy B. Dickison, Syracuse, $74,630. Road No. 1027, French Creek-Findley Lake, Chautauqua County, 4.33 mi.—Town of Mina, Findley Lake, $61,472; Elmer M. Love & Son, Corry, Penn., $65,072; J. A. Hughes & Co., Jamestown, $70,583. Road No. 1378, Elmira-North Elmira, Chemung County, 4.14 mi.—Peter F. Connolly Co., Horseheads, $99,195; Bradley & McGreevey, Elmira, $102,239; Sullivan Construction Co., Syracuse, $102,626. Road No. 1394, Norwich-South New Berlin, Part 2, Chenango County, South New Berlin-New Berlin, Part 1, 7.09 mi.—Paddelford & King, Sherburne, $90,429; E. P. Abrogast, Stroudsburg, Penn., $92,219; Newport Construction Co., Newport, $96,945. Road No. 1398, Mohawk-Franklin County Line, Clinton County, 10.46 mi.—Richard Hopkins, Troy, $111,888. Road No. 1412, Wappinger Falls Village, South Ave., Dutchess County, 0.56 mi.—Fallkill Construction Co., Poughkeepsie, $8,071; Joseph Heisler & Frabl Guilotte, Schenectady, $8,116. Road No. 1410, Westport Village, Main St., Essex County, 1.76 mi.—Bluff Point Stone Co., Plattsburgh, $24,163. Road No. 620, Ephratah-Keeks Center, Part 1, Fulton County, 5.13 mi.—Brady-Oltarsch Co., Inc., New York, $49,044; Easton Construction Co., Inc., Utica, $65,987. Road No. 1365, Greenville-Coxsackie, Part 1, Greene County, 2.39 mi.—George H. McEvoy, Creek Locks, $26,620; Joseph Walker Construction Co., Albany, $28,266; Albany Construction Co., Albany, $30,520. Road No. 1546, Frankfort-Gulph, Herkimer County, 5.10 mi.—Dale Eng. Co., Utica, $66,449; C. W. Tryon, Poland, $66,997; Albany Construction Co., Albany, $69,604. Road No. 1360, Munnsville-Pratts Hollow-Pine Woods, Madison County, 6.54 mi.—C. W. Tryon, Poland, $64,672. Road No. 1390, Chili-Coldwater, Monroe County, 2.92 mi.—Roco Co., Inc., Rochester, $36,955; Thomas Grady, Rochester, $39,939; Peter F. Connolly, Horseheads, $41,766. Road No. 1342, Roslyn-Port Washington, Nassau County, 5.24 mi.—Thomas O'Hern Co., Yonkers, $84,480; Rosenthal Contracting Co., Inc., Brooklyn, $90,556; Ulrich Persicano, Brooklyn, $91,727. Road No. 1355, North Western-Boonville, Part 1, Oneida County, 5.24 mi.—Albany Construction Co., Albany, $76,252. Road No. 1408, Three Mile Point-Springfield Center-Warren, Otsego County, 8.13 mi.—D. I. Snell & Co., Canajoharie, $88,569; J. L. Richmond, Hinkley, $99,366; Albany Construction Co., Albany, $94,763. Road No. 1117, Rexford Flats-Wait Corners-Groom Corners, Saratoga County, 6.10 mi.—W. G. Fox, Saratoga, $79,254; Albany Construction Co., Albany, $79,317; John B. Dower Construction Co., Ballston Spa, $88,900. Road No. 1406, Marion-Williamson, Part 2, Wayne County, 3.67 mi.—Hendrickson-McCabe Construction Co., Syracuse, $35,000; Thomas Grady, Rochester, $36,953; Dale Engineering Co., Utica, $35,959. Road No. 1370, Harts Corner-White Plains, Westchester County, 1.74 mi.—Harlem Contracting Co., New York, $50,959; Brady-Oltarsch Construction Co., New York, $50,971. Repair Contract No. 992, Erie County, 9.143 mi.—No bids. Repair Contract No. 945, Fulton County, 0.59 mi.—Burnham & Rose, Albany, $3,814; Clarence E. Welsh & Co., Gloversville, $3,837; John P. Dugan Co., Inc., Amsterdam, $3,842. Repair Contract No. 845, Nassau County, 2.50 mi.—No bids. Repair Contract No. 947, St. Lawrence County, 2.50 mi.—Richard Hopkins, Troy, $11,995; Herbert W. Fearl, Potsdam, $12,009. Repair Contract No. 985, Ulster County, 0.83 mi.—Joseph Walker Construction Co., Albany, $5,659; Bohl & Goetz, Albany, $5,680; George F. McEvoy, Creek Locks, $5,769.

N. Y., Albany—(Official)—State Highway Commission let contracts highways in various counties to: Repair Contract No. 974, Albany County, 1.06 mi.: SEWAGE DISPOSAL AND WATER PLANT CO., Schenectady, $18,548. Repair Contract No. 980, Albany County, 3.91 mi.: GREECE CONSTRUCTION CO., Rochester, $18,978. Repair Contract No. 964, Cayuga County, 2.76 mi.: W. F. HILL & CO., Fulton, N. Y., $17,305. Repair Contract No. 982, Cayuga County, 3.29 mi.: FLOOD & VAN WIRT CO., Hudson Falls, $19,458. Repair Contract No. 962, Cortland County, 7.11 mi.: CHARLES E. HANEY, Camillus, $29,241. Repair Contract No. 963, Cortland County, 2.70 mi.: HOWLAND E. WRIGHT, Cortland, $12,672. Repair Contract No. 970, Herkimer County, 9.91 mi.: PHELAN & SULLIVAN, Utica, $49,486. Repair Contract No. 960, Livingston County, 0.37 mi.: SCHROEDER-HICKS CONTRACTING CO., Rochester, $4,804. Repair Contract No. 978, Livingston County, 4.66 mi.: H. A. MURPHY, Albany, $10,099. Repair Contract No. 967, Niagara County, 3.19 mi.: CHARLES E. HANEY, Camillus, $16,159. Repair Contract No. 975, Oneida County, 4.74 mi.: HARRY W. ROBERTS

& CO., Utica, $35,966. Repair Contract No. 968, Onondaga County, 0.88 mi.: DANA W. ROBBINS, INC., New York, $8,350. REPAIR CONTRACT No. 965, Onondaga County, 3.70 mi.: JOHN R. BURCHILL, Syracuse, $16,753. Repair Contract No. 966, Onondaga County, 3.30 mi.: CHARLES E. HANEY, Camillus, $13,102. Repair Contract No. 961, Onondaga County, 6.24 mi.: JOHN R. BURCHILL, Syracuse, $9,308. Repair Contract No. 979, Onondaga County, 0.60 mi.: MONDO CONSTRUCTION CO., INC., Syracuse, $15,952. Repair Contract No. 976, Onondaga County, 4.84 mi.: HARRY W. ROBERTS & CO., Utica, $38,267. Repair Contract No. 870, Rensselaer County, 4.34 mi.: JOHN B. DOWER, Ballston Spa., $33,665. Repair Contract No. 981, Rensselaer County, 3.11 mi.: GIFFORD CONSTRUCTION CO., Jamaica, $12,845. Repair Contract No. 977, Sullivan County, 2.65 mi.: JACKSON BROS., Cuddebackville, $14,963. And also for the following broken stone contract No. 70, Essex County: JOHN ANDERSON, JR., Newcomb, $10,320.

Proposals were received by the State Highway Commission at its office, No. 55 Lancaster St., Albany, N. Y., on Monday, the 26th day of June, 1916, for the improvement of public highways by State Aid: Road No. 1302, Morris-Oneonta, Otsego County, 12.66 mi.: FRANK D. VAN HORN, New York, $116,754. Road No. 976, Java Village: Wales, 3.52 mi.: BISON CITY ENGINEERING AND CONTRACTING CO., Buffalo, $30,347. Noted July 6.

N. Y., Albany—City let contract repaving portion Lark St. to CRAMOND CONSTRUCTION CORPORATION, $37,647; Broadway, W. E. CAMPION, 223 North Pearl St., $19,029.

N. Y., Albion—City let contract paving G. B. GIBBONS & CO., 40 Wall St., New York, Main St., 85,000, East Bank St., $10,400. Noted July 6.

N. Y., Dolgeville—Village let contract improving Faville Ave. to NASH & GRIFFIN, Norwich, $21,799. Noted June 8.

N. Y., New York—(Borough of Brooklyn)—(Official)—Bdrough received low bids for improving and laying sidewalks, portions (a) Bay 38th St., (b) West 1st St., (c) 4th Ave., (d) 59th St., (e) East 14th St., (f) 20th Ave., (g) East 17th St., (h) Stillwell Ave., (i) West 27th St., (j) 120,000 gal. refined asphalt, liquid form, from: Robertson Construction Co., 61st St., (a) $8,705; Cranford Co., 52 9th St., (b) $4,655, (c) $5,915, (d) $5,611, (f) $21,895, (i) $6,475; Sicilian Asphalt Paving Co., (e) $39,960, (g) $10,088, Louis Grenato, (h) $8,573; (j) Standard Oil Co., 26 Broadway, $0.0725. Noted June 29.

N. Y., New York—(Borough of Manhattan)—(Official)—Borough received lowest bids for improving portion (a) Lexington Ave., (b) Center St., (c) Grand St., (d) 3d Ave., from Aztec Asphalt Co., 90 West St., (a) $15,540; W. J. Fitzgerald, 547 West 45th St., (b) $12,866, (c) $6,225; Asphalt Construction Co., Madison Ave. and 137th St., (d) $171,850. Noted June 22.

N. Y., Syracuse—City received lowest bids paving Lakeview Ave. from G. B. Dickison, brick or block, $52,464, bituminous macadam, $40,277, concrete, $40,438, asphalt, $47,654, modified Topeka, $44,447. Noted May 18.

N. Y., Troy—City let contract repaving Remsen St. to LANGAN CONSTRUCTION CO., Albany, $24,263.

N. Y., Yonkers—City let contract improving Hyatt Ave. and 1st St. to J. A. KELLOCK, Saunders Dike, $25,718.

N. J., Bloomfield—Essex County let contract paving Broad St. to GLENFIELD CONSTRUCTION CO., 141 South 8th St., Newark, $66,100. Noted June 22 under Newark.

N. J., Kearney—City let contract paving portion Kearney Ave. to STANDARD BITULITHIC CO., $31,070. Noted June 15.

N. J., Millburn—Essex County let contract paving Springfield Ave. to FRANKLIN CONTRACTING CO., $22,797.

N. J., Newark—Essex County let contract paving Morris Turnpike to BAMBERGER & CHAPMAN CO., $37,201.

N. J., Paterson—Bd. Chosen Freeholders let contracts paving to A. W. GILL, Hackensack, Cannon Ball Rd., $6,673, Haledon Ave., $7,233, Totowa Ave. and East 61st St., $12,724 and $4,490; UNION BUILDING AND CONSTRUCTION CO., Passaic, Bloomfield Ave., $20,488, Van Houten Ave., $38,646; G. F. BRACKETT, Madison Ave., $49,977; E. C. HUMPHREY CO., Hackensack, Vreeland Ave., $25,229; HARROP & SAUERBUTT, Gareld, Wesel Rd., $19,045.

N. J., Princeton—(Official)—City let contract paving Nassau St. to HARLEM CONTRACTING CO., 2 Rector St., New York. Noted June 29.

N. J., South Orange—Essex County let contract paving Springfield Ave. GLENFIELD CONSTRUCTION CO., 141 South 8th St., Newark, $40,582. Noted June 22 under Newark.

Penn., Ebensburg—(Official)—Cambria County let contract 2 mi. Cresson Pike, Cambria Township, and 690,000 fire-clay brick to BENNETT & SHEARER, Indiana, $43,416. Noted June 15.

Penn., Glassport—City let contract 10,000 sq.yd. paving to J. B. SWEENY, 703 East Park Way, McKeesport.

Penn., Sewickley—City let contract paving portion Fountain, Elizabeth and Grimes St. and Locust Pl. to R. V. BALDWIN, Coraopolis, $8,500. Noted May 25.

Md., Baltimore—State Roads Commission let contracts roads: D. M. ANDREW CONTRACTING CO., 600 Equitable Bldg., York Rd., $29,196; LUCK CONSTRUCTION CO., Roanoke, Mt. Zion-Hills Bridge Rd., $44,081; MAJOR CONSTRUCTION CO., Millington, 3.26 mi. road from Pocomoke City, $44,360. Noted June 22.

Md., Cumberland—County received bids paving from Brotemarkle & Uhl, Barton-Pekin Rd., $36,935 concrete, $29,463 macadam; S. T. Brotemarkle, Williams Rd., $11,972 concrete, $10,025 macadam.

Md., North East—City let contract road from Bay View to Farmington to W. H. HOHN.

Md., Towson—Baltimore County let contract road work to J. FREDERICK, York Pike, $24,303.

Va., Lynchburg—(Official)—Campbell County let contracts road work to VIRGINIA CONSTRUCTION CO., Waynesboro, BETTS & BOICE, Harrisonburg, McKINNEY BROS., Lynchburg, and J. R. FORD & CO., Lynchburg. Noted June 1.

Va., Richmond—City rejected bids paving Hanover Ave. and Perry St. C. E. Bolling, City Engr.

W. Va., Charleston—City let contract 26,000 sq.yd. paving to R. M. HUDSON PAVING CO., Charleston.

W. Va., Grafton—City let contract paving Bridge St. to WILLIAMSON & CO.

W. Va., Terra Alta—Contract let to WAYNE F. ALLEN, Clarksburg, $70,000, 4 mi. road to Maryland line.

W. Va., Wheeling—Ohio County let contract paving roads during year to COSS & MYERS, Wheeling. Noted June 29.

W. Va., Wheeling—Ohio County let contract supplying paving block for road work during year to MACK MANUFACTURING CO., New Cumberland, $18.25 per 1,000.

W. Va., Wheeling—(Official)—County let contract paving portion National Rd. to J. F. BALL, Wheeling, about $35,000. Noted June 29.

W. Va., Wheeling—(Official)—County let contract G. C. and P. Rd. to J. F. BALL, Wheeling, about $6,500. Noted June 29.

N. C., Henderson—(Official)—City let contract 35,000 ft. curb and gutter with storm drainage to R. G. LASSITER & CO., Oxford, $23,443. Noted June 22.

N. C., Roanoke Rapids—City let contract paving and sidewalks to MOORE & ABEEL, Wilmington, $20,000.

Fla., De Land—City let contract paving to J. B. McCRARY CO., Atlanta.

Ala., Vernon—Lamar County let contract grading and graveling roads to C. J. EDGAR, Vernon, and NEWELL BROS., Birmingham, about $30,000. Noted June 8.

Ohio, Ashland—City received bids from D. A. Phillips, Ashland, and Asphalt Block Co., Toledo, paving Sandusky, Arthur and Race St. Noted June 15.

Ohio, Cleveland Heights—(Warrensville post office)—Contract let to CLEVELAND TRINIDAD PAVING CO., 420 Lakeside Ave., N. E., Cleveland, paving Lamnerton, Clarkson, Beechwood, Altomont, Desota, Stillman, Westminster, Coventry and Berkeley St. and Euclid Heights Blvd. Noted May 11.

Ohio, Elyria—(Official)—City let contract improving Williams St. to G. RHOADS, $5,876; Winckles, Taylor and Olive St., ELYRIA CONSTRUCTION CO., Elyria, $12,000. Noted June 22.

Ohio, Findlay—City let contract paving portions Laquineo St., Greenlawn and Glendale Ave. to H. H. HALL, $8,200. Noted June 29.

Ohio, Madeira—(Official)—Village let contract sidewalks north side Camargo Rd. to J. W. Taneman, Hazlewood. Noted June 29.

Ohio, Maumee—(Official)—City let contract 20,000 sq.yd. paving to A. G. TRIPPEER, Peru, $38,978. Noted June 11.

Ohio, Tiffin—County let contract improving portion Morrison Rd. to G. SMITH, $10,225.

Ohio, Upper Sandusky—City let contract paving Bigelow and Walker St. to MODERN CONSTRUCTION CO., Fremont.

Ohio, Van Wert—City let contract improving portion North Wayne St. to McARTHUR & FOX, Kent. Noted June 8.

Ohio, Van Wert—City let contract improving portion East Ridge Rd. to McARTHUR & FOX, Kent. Noted June 8.

Ohio, Van Wert—City let contract improving portion East Main St. to FEDERAL ASPHALT CO., Hamilton. Noted June 8.

Ind., Anderson—City let contract sidewalks portion Hendricks St. to BURKE & HOPPES. Noted Apr. 6.

Ind., Brownstown—(Official)—Jackson County let contract roads to MASTERS CONSTRUCTION CO., Seymour, $70,000; J. DEGOLYER, Seymour, $40,000; JENNINGS & BEBOUT, Seymour, $4,444. Noted June 13.

Ind., Columbia City—(Official)—Whitley County let contract roads in Cleveland Township to WOLFCALE & CROW, Markle, $11,958 and C. W. WORTH & CO., Columbia City, $9,780. Noted June 29.

Ind., Connersville—(Official)—Fayette County let contract road in Connersville Township to CONNOR & SHERRY, Connersville, $38,998. Noted June 15.

Ind., Crawfordsville—(Official)—Montgomery County let contract road in Brown Township to REICHARD & SCRIBNER, $7,900. Noted June 29.

Ind., Danville—(Official)—Hendricks County let contract road in Clay Township to ERGANBRIGHT & DISNEY, North Salem, $8,241. Noted June 29.

Ind., Elkhart—(Official)—City let contract paving 4 streets to ANDREWS ASPHALT PAVING CO., Hamilton, Ohio, $10,523; Sherman St., NORTHERN CONSTRUCTION CO., Elkhart, $8,900.

Ind., Fowler—(Official)—Benton County let contract road in Oak Grove Township to EVANS & VAN NATTA, Fowler, $10,189. Noted June 15.

Ind., Franklin—(Official)—Johnson County let contracts for roads in Ninevah and Union Townships to BYERS CONSTRUCTION CO., Trafalgar, $14,220 and E. BARNETT, Bargerville, $5,960. Noted June 29.

Ind., Franklin—(Official)—Johnson County let contract road in White River Township to J. MURPHY, Greenwood, $4,500. Noted June 15.

Ind., Goshen—(Official)—County let contract road in Elkhart Township to CRIPE & SEAMAN, Goshen, $21,772. Noted June 29.

Ind., Greensburg—(Official)—Decatur County let contract roads in Fugit and Clinton Townships to W. AVERY, Waldron, and C. REDDINGTON, Greensburg. Noted June 29.

Ind., Indianapolis—(Official)—Marion County let contracts 4 roads in Center Township to SMITH-CARTER CO., $9,100; R. O. BENNETT & CO., $6,300; E. BERNS & CO., $10,550; EWING SHIELDS CO., $26,300. Noted June 22.

Ind., Indianapolis—City let contract street work to J. DOBBS, $6,000.

Ind., Jeffersonville—(Official)—Clark County let contract road in Jeffersonville Township to M. F. O'NEIL, Jeffersonville, $6,360. Noted June 15.

Ind., Kokomo—City let contract paving Indiana Ave., concrete, to J. H. WATSON & CO. W. F. Mann, City Engr. Noted May 25.

Ind., Lawrenceburg—(Official)—Dearborn County let contract road in Center Township to A. G. MILLER, Aurora, $12,979. Noted June 29.

Ind., Lebanon—(Official)—Boone County let contracts roads: F. LARY, Lebanon, $8,996; SHAHAN & SON, Lebanon, $8,640; G. T. MILLE, Lebanon, $17,378. Noted June 29.

Ind., Monticello—(Official)—White County let contract roads in Monon, Round Grove and Liberty Townships to G. A. KELLENBURGER, Reynolds, $4,595. Noted June 29.

Ind., Mt. Vernon—(Official)—Posey County let contract Hahn Rd. to L. J. UTLEY, Marrs, $11,690; Whitehead Rd., ARK CONSTRUCTION CO., Harmony, $11,313. Noted June 15.

Ind., Muncie—Delaware County let contracts roads in Center Township to W. E. HENDRICKS, $38,800, S. B. Perdieu Rd. and $42,460 Moffett Rd. Noted June 15.

Ind., Plymouth—(Official)—Marshall County let contracts gravel roads to ARTHUR W. O'KEEFE, Plymouth, Rd. No. 1, $27,811; Rd. No. 2, $18,498. Noted June 15.

Ind., Portland—(Official)—Jay County let contract roads in various townships to HALEY & TRANT, Hartford City, $49,000. Noted June 15.

Ind., Rochester—(Official)—Fulton County let contract road work to D. B. CLEVENGER, Rochester, $5,380. Noted June 15.

Ind., Rushville—Rush County let contracts roads to C. E. REDINGTON, Greensburg, $45,800; WILK & CO., Rushville, $13,160. Noted June 15.

Ind., Rushville—County let contract road to C. E. REDINGTON, Greensburg, $18,240. Noted June 15.

Ind., Terre Haute—City let contract sidewalks to J. P. WELCH.

Ind., Tipton—City received lowest bid improving Mill St. from Adams Bros., Lebanon, $11,788.

Ind., Valparaiso—(Official)—Porter County let contracts roads in Westchester Township to R. DEMASS, Chesterton, $9,090. Noted June 15.

Ind., Warsaw—(Official)—Kosciusko County let contract county line road to W. COIN, Frankfort, $21,521 Noted June 15.

Ind., Wabash—Town let contract paving, curbing and guttering to PALMER, MOORE & CO., Logansport, $48,919. Noted June 29.

Mich., Kalamazoo—City received low bid for 300,000 paving brick from Bessemer Limestone Co., at $21.50 for repressed or wire lug cut 40 to sq.yd. C. L. Miller, City Clk.

Mich., Kalamazoo—City let contract 25,000 sq.yd. asphalt pavement to GLOBE CONSTRUCTION CO., Kalamazoo.

Mich., South Haven—County let contract 2¾ mi. road to S. L. PARR, Grand Rapids, $20,500.

Ill., Evanston—City let contract paving and water mains to M. FOLEY CO., 716 Main St., $101,376. Noted June 15.

Ill., Geneseo—City let contract paving E. M. LAING, $7,187.

Ill., Joliet—City let contract paving portion North Collins St. to R. F. CONWAY PACKING CO., Chicago, $24,235.

Ill., Mattoon—City let contract paving Bowman Ave. to J. C. POLL, $65,000.

Ill., Normal—City let contract paving portion Division St. to I. D. LAIN, $29,735.

Ill., Rock Island—City let contract paving 17th St. to McCARTHY IMPROVEMENT CO., Davenport, $16,345. Noted Feb. 17.

Ill., Springfield—(Official)—State Highway Comn. let contracts road work; McHenry County, Section G, J. V. WRIGHT, Harvard, $11,791; Sangamon County, Sec. 1, J. E. BRETZ, Springfield, $12,979; Douglas County, Sects. D and E, GOGGIN CONSTRUCTION CO., Arcola, $12,835.

Ill., Taylorville—City let contract paving State St. to H. NELCH & SON, $4,027.

Wis., Burlington—City let contract paving Kane St. to E. H. MERRICK, Burlington; curbing and guttering several streets, W. SOETEBIER; paving Chestnut, Pine and Wilmot Ave., WESTERN IMPROVEMENT CO., Racine. Noted June 15.

Wis., Chilton—City let contract 1 mi. road to F. EUL, Menasha, $12,000.

Wis., Oshkosh—City let contract macadamizing 15th St. and Grand Ave. C. JOHNSON, Oshkosh. Noted June 1.

Wis., Superior—City let contract paving portion North 21st St. to T. G. LAUGHREN, $4,261. Noted July 6.

Iowa, Cedar Rapids—(Official)—City let contract 24,000 yd. paving to FORD PAVING CO., Cedar Rapids. Noted June 15.

Iowa, Davenport—City let contract paving 18th Ave. to D. J. RYAN CONSTRUCTION CO., $10,604.

Iowa, Davenport—City let contract grading Lombard St. to LITTIG CONSTRUCTION CO., 22c. per cu.yd.

Iowa, Des Moines—City let contract paving portion East Grand Ave. to J. HORRABIN & CO., $1.87½ per sq.yd. Noted May 25.

Iowa, Eldora—County let contract road grading to L. C. WOOD & CO., Alden, about $15,000.

Iowa, Marshalltown—City let contract paving Dist. Nos. 3, 4, 5 and 6 to WESTERN CONSTRUCTION CO., Sioux City. Noted June 15.

Iowa, Mason—Cerro Gorde County let contract grading to BARNES BROS., Des Moines.

Iowa, Muscatine—(Official)—City let contracts paving to FORD PAVING CO., Cedar Rapids, $27,078, and KORNEMAN & SMITH, Muscatine, $6,939. Noted Apr. 27.

Iowa, Oskaloosa—City let contract paving portion North 9th St. to BURLINGTON CONSTRUCTION CO., Burlington.

Iowa, Oskaloosa—City let contract paving High Ave. to BURLINGTON CONSTRUCTION CO., Burlington.

Iowa, Spencer—County let contract grading 20 mi. road to R. CONDON, Omaha, Neb.

Iowa, Traer—City let contract of 15,800 sq.yd. paving to DEARBORN CONSTRUCTION CO., Waterloo, at $1.74 per sq.yd. Noted June 8.

Minn., Duluth—City let contract paving 20th Ave. to D. H. CLOUGH & CO., $9,028. Noted June 15.

Minn., Duluth—City let contract paving Weeks Ave. to M. PETERSON.

Minn., Gilbert—City let contract paving to LAWRENCE-McCANN CONSTRUCTION CO., Eveleth. Noted June 8.

Minn., Northfield—(Official)—City let contract paving to FIELDING & SHEPLEY, 216 University Ave., St. Paul, $2.17 per sq.yd. Noted June 29.

Minn., St. Paul—County let contract Jefferson-Cretin Highway to O'NEILL & PRESTON, St. Paul, $34,196.

Minn., St. Paul—City let contract grading Waseca, Page, Morton, Bellows, Louise and Elizabeth St. to KEOUGH BROS., Hamline and Otto Ave., $13,600. Noted June 29.

Kan., Osawatomie—City let contract paving to A. B. FERGUSON, $12,000. Noted June 15.

Kan., Peabody—City let contract 22,000 yd. asphalt paving to A. JAICKS CO., Kansas City, Mo., $36,000. Noted Apr. 20.

Kan., Topeka—City let contracts sidewalks to F. LUTTJOHANN.

Neb., Lincoln—City let contract paving ABEL CONSTRUCTION CO., Lincoln, $40,000.

S. D., Piermont—City let contract 8 mi. road to O. L. BISTODEAU.

Mont., Denton—Town let contract sidewalks, curbs and crosswalks to TWO MIRACLE CO., Great Falls. Noted June 22.

Mo., Cameron—City let contract paving portion Cherry St. to E. MAIN, Liberty. Noted June 15.

Mo., Higginsville—City let contract paving and guttering to F. R. MARTIN CONTRACTING CO., Kansas City, $25,000.

Mo., St. Louis—Bd. Pub. Ser. let contracts for paving portions various streets: John F. McMahon, Gilmore Ave., $11,512; FRANK A. STIERS, Forest Ave., $12,682, West Park Ave., $4,159, Bruno Ave., $6,724; SKRAINKA CONSTRUCTION CO., alleys in various locations, $14,142. Noted June 8.

Tex., Beaumont—County let contracts 9 mi. paving on road between Beaumont and Port Arthur: EUREKA CONSTRUCTION CO., 4 mi., UVALDE ROCK ASPHALT CO., 3 mi., CHAPIN-COLGLAZIER CONSTRUCTION CO., 2 mi. Noted June 22.

Tex., Beaumont—County let contract Nome-Sour Lake Rd., China-Nome Rd. and Nome-Liberty Rd., to HADEN & BATES, Galveston.

Tex., Bryan—City let contract 53,000 sq.yd. asphaltic concrete paving $1.35 sq.yd. and 47,000 sq.yd. rock asphalt paving $1 sq.yd. to KAW PAVING CO., Topeka, Kan.

Tex., Dallas—City let contract 26,666 sq.yd. paving to CALLAHAN CONSTRUCTION CO.

Tex., Galveston—City received low bid paving in West End Cleveland Trindidad Paving Co., Cleveland, $66,120 vitrified paving blocks and $75,376 wood block.

Tex., Houston—City let contract paving portion Montrose Blvd. to TALBOT CO., Houston, $35,-517. Noted May 25 and July 6.

Idaho, Sandpoint—City let contract paving Pine St. to SPOKANE BITUMINOUS PAVING CO., Spokane, $13,530. Noted June 29.

Wash., Bellingham—Whatcom County let contract paving Marietta Rd. to T. RYAN CONSTRUCTION CO., Lowman Bldg., Seattle, $54,944. Noted July 6.

Wash., Blaine—City let contract paving 1½ mi. road to LEDINTWELL & COOPER, Vancouver, B. C. Noted May 25.

Wash., Montesano—Chehalis County let contract paving Olympic Highway to OLYMPIC PAVING CO., Hoquiam, $15,490.

Wash., Renton—County let contract highway from Renton to Hazlewood to P. G. DUNN & CO., 8722 Rainier Ave., $44,965.

Wash., Sedro Woolley—City let contract paving several streets to LA PLANT & CO., $21,280. Noted Apr. 13.

Wash., Tacoma—County let contract Permanent Highway No. 8 to INDEPENDENT ASPHALT PAVING CO., Perkins Bldg., $34,696. Noted June 8.

Wash., Walla Walla—City let contract paving 15 streets to WARREN CONSTRUCTION CO., Portland, $1.29 sq.yd., bitulithic. Noted June 29.

Ore., Astoria—City received bids paving (a) bitulithic, (b) concrete, (c) asphalt, (d) brick, from Western Paving Co., (a) $32,670, (b) $32,-695, (c) $33,662, (d) $41,864; Warren Construction Co., Portland, (a) $33,474.

Ore., Bend—State Highway Comn., Salem, received low bid for highway near Bend from Joseph Rock, Bend, $19,800.

Ore., Dallas—City let contract sidewalks to J. T. JOHNSON, Dallas.

Ore., Portland—County let contract Canyon Rd. to E. T. JOHNSON CO., Portland, $20,029.

Calif., Bakersfield—City let contract improving Beale Ave. to F. W. NIGHTBERT.

Calif., Berkeley—City let contract improving Walnut St. to HUTCHINSON CO., 13th and Franklin St.; Tamalpais St., to WESTERN CONSTRUCTION CO.

Calif., Los Angeles—City let contract paving Dayton Ave. to FORD & STOUT, Bradbury Bldg., about $40,000.

Calif., Los Angeles—City let contract paving portion Craig Ave. and Texas St. to E. A. BAKER, 407 Hellman Bldg., $10,885. Noted June 29.

Calif., Los Angeles—County received low bid paving portion Olive St. from FRED HOFFMAN, 111 East 12th St., Long Beach, $20,500.

Calif., Manhattan—City received lowest bid paving Marine Ave. from California-Arizona Construction Co., 1700 East Washington St., Los Angeles, $30,000.

Calif., Martinez—City let contract surfacing Div. 1, Tunnel Rd., to CITY IMPROVEMENT CO., 166 Geary St., San Francisco, $12,879; Div. 2, A. H. KOPPERUD, 2030 High St., Oakland, $9,-357. Noted Jan. 6.

Calif., Oakland—City let contract improving Fallen St. to CLARK & HENEREY CONSTRUCTION CO., Sacramento; Fleming Ave., HUTCHINSON CO., 13th and Franklin St.

Calif., Oakland—City let contract improving Custer St. and Harrington Ave. to OAKLAND PAVING CO., 5000 Broadway.

Calif., Oakland—County let contract paving 14th St. to RANSOME-CRUMMEY CO., $101,225.

Calif., Richmond—P. Schnerr, Berkeley, $33,187, low bidder for paving 1 mi. State Highway.

Calif., Riverside—City let contract improving portion Fairmont Blvd. to JOHNSON SHEA CO., Riverside, $15,388.

Calif., Sacramento—(Official)—State Highway Comn. received low bid section highway in Contra Costa County, Div. 4, Route 14, Sec. A, from Blanchard-Brown Co., San Francisco, $32,257.

Calif., Sacramento—State Highway Comn. received low bid section highway in Ventura County, Div. 7, Route 2, Sect. C, from Modern Construction Co., Inc., Los Angeles, $31,948; San Mateo County, Div. 4, Route 2, Sect. B, J. A. Marshall, Berkeley, $37,290. Noted June 15.

Calif., Sacramento—(Official)—State Highway Comn. received low bid section highway in Humboldt County, Div. 1, Route 1, Sect. G, from Elsmore & Jacobs, Eureka, $23,080.

Calif., San Francisco—City let contract improving portion Geary St. and Point Lobos Ave. to RANSOME-CRUMMEY CO., First National Bank Bldg., Oakland, $24,989; 23d St., J. F. DOWLING, Russ Bldg., $7,505.

Calif., Sausalito—Town let contract paving West and Central Ave. and North St. to WESTERN MOTOR DRAYAGE CO., 1444 Church St., San Francisco, $13,151.

Calif., Upland—(Official)—City let contract improving Ruedy St. to HEINAUER & KYLE. Noted June 8.

Calif., Ventura—Contract let to CONNER CONTRACTING CO., Los Angeles, $24,676, paving Oxnard-Camarillo Rd.

Calif., Visalia—City let contract paving South Garden St. to WORSWICK CONSTRUCTION CO.

Calif., Willitts—Town let contract paving Main St. to A. J. and J. L. FAIRBANKS, $11,266.

Ont., Dundas—City let contract sidewalks to MAPLE LEAF PAVING CO., Simcoe. Noted May 18.

Ont., Ottawa—City let contract paving to UNION CONSTRUCTION CO., Bank St. Chambers, $41,160.

INDUSTRIAL WORKS

Proposed Work

Maine, Biddeford—Mechanics Shoe Co. plans 3-story factory. About $25,000.

Mass., Franklin—F. H. Appleton & Son, Fisher St., making plans for 4-story, 50x100-ft. storehouse and office building. W. L. Collins, Collins Bldg., Milford, Arch.

Mass., Lowell—Costikyan Carpet Co. making plans for 3-story, 50x200-ft. and 100x200-ft. factory. About $300,000. R. R. Livingston, 2 Rector St., New York, Arch. Noted June 8.

Mass., Millbury—Windle Wool Scouring Co. will build 2-story factory and 1-story power station near Boston and Albany Division tracks, about $70,000.

Mass., New Bedford—W. C. Jones, Nash Rd., making plans for addition to factory. Monks & Johnson, 78 Devonshire St., Boston.

Mass., Richmond—Columbia Narrow Fabric Co. plans factory, about $30,000.

Mass., Worcester—B. Handleman plans garage, Portland and Salem St., about $10,000.

Conn., Stamford—Lincrusta Pallas, Inc., 121 East 24th St., New York, making plans for 3-story, 120x145-ft. rein.-con. factory at Stamford. About $100,000. J. Hankin & Bros., 550 West 25th St., New York, Arch.

N. Y., Buffalo—Danahy Packing Co. granted permit for addition on Metcalfe St. About $7,500. Noted Feb. 24.

N. Y., Buffalo—Donner Steel Co. granted permit for additions on Abbott Rd. About $100,000. Noted May 11.

N. Y., New York—(Borough of Manhattan)—W. C. Bergen, 1932 Arthur Ave., made plans for 2-story, 68x152-ft. garage. About $25,000. W. C. Martin, Arch.

N. Y., New York—(Borough of Manhattan)—Eugene Haggin, 1 Madison Ave., made plans for 2-story, 42x100-ft. garage at 421 West 115th St. Sommerfeld & Steckler, 31 Union Sq., Arch.

N. Y., New York—(Borough of Manhattan)—D. Meehan, 1966 Broadway, making plans for 6-story, 100x100-ft. garage. About $130,000. J. C. Cocker, 2017 5th Ave., Arch.

N. Y., New York—(Borough of Manhattan)—Dept. of Pub. Charities, East 26th St., made plans for plant. About $400,000. B. W. Levitan, 20 West 31st St., Arch.

N. Y., New York—(Borough of Manhattan)—F. Sanford made plans for 4-story, 50x100-ft. garage at 140 West 54th St. About $50,000. A. W. B. Wood, 103 Park Ave., Assoc. Arch.

N. Y., New York—(Borough of Manhattan)—M. Zurille making plans for 4-story, 42x87-ft. garage at 52 Watt St. About $22,000. De Rosa & Savignano, 150 Nassau St., Arch.

N. Y., New York—(Borough of Queens)—American Hard Rubber Co. made plans for 3-story factory at 3d Ave. and 5th St., College Point. About $60,000. Noted Sept. 23.

N. Y., Peekskill—(Official)—State Bd. Armory Comrs., 158 State St., Albany, receiving bids July 20 for concrete storage house, State Camp Instruction, Westchester County. F. D. Ward, Secy. (See adv.)

N. Y., Rochester—North East Electrical Co. plans addition, about $80,000.

Penn., Chester—Westinghouse Electric and Manufacturing Co. plans plant in Tinicum Township.

Penn., Erie—Lakeside Forge Co. to build machine-ship addition, about $10,000.

Penn., Hazleton—Duplan Silk Co. plans 1-story addition to factory. E. Buhler, Mgr.

Penn., Philadelphia — Philadelphia Rubber Works Co. made plans for 1-story addition to factory. Stuckert & Co., Arch.

Penn., Pittsburgh—A. M. Thompson, 724 Frick Bldg., made plans for 2-story laundry and garage. D. Goldner, Highland Bldg., Arch.

Penn., Reading—Simon & Sherman, 133 Grape St., making plans for packing and abattoir plant. About $90,000. Noted June 22.

Md., Baltimore—Standard Guano Co. made plans for 3-story plant. About $100,000. P. Gilchrist, Charlotte, N. C., Arch. Noted Sept. 23.

Va., Clifton Forge—J. S. Smith & Co. made plans for factory and store building. About $20,000. S. A. Persinger, Arch.

Va., Newport News—Duristo Paint Co. plans 3-story, 50x100-ft. factory. About $22,000. Mackee & Williams, First National Bank Bldg., Arch.

Va., Norfolk—Virginia Hyde and Fur Co. making plans for 1-story addition to plant. About $15,000. W. W. Gwathney, Seaboard Bank Bldg., Arch.

Va., Richmond—M. S. Block & Son made plans for 3-story factory. Corneal & Johnson, Chamber of Commerce Bldg., Arch.

Va., Roanoke—Modern Mills, Inc., Johnson City, Tenn., plans flour mill, South Jefferson St.

W. Va., Huntington—Fulton Tool Co., Canal Fulton, plans plant.

W. Va., Moundsville—United Zinc Smelting Corporation will build plant. About $1,500,000. M. M. Pearlman, Moundsville, Mgr.

W. Va., Rosedale—H. C. Beacon Carbon Co. making plans for factory. L. G. Schroeder, 39 Grand St., New York, Pres.

W. Va., Warwood—Globe Automatic Sprinkler Co., 2019 Washington Ave., Philadelphia, plans plant at Warwood. About $35,000.

N. C., Durham—Liggett & Myers Tobacco Co. plans additions to plant. About $100,000.

N. C., Winston-Salem—C. M. Thomas plans 2-story cold-storage plant.

Fla., Jacksonville—J. T. Land plans 2-story warehouse. About $60,000.

Fla., Jacksonville—Dunnellon Phosphate Co. plans elevator and drying plant. J. L. Ingis, Pres.

Fla., Marianna—Brandon Grain Co. plans grain elevator.

Fla., Tampa—E. Johnson, 30 Church St., New York, plans shipbuilding plant at Tampa.

Ala., Birmingham—Linde Air Products Co., 42nd St. Bldg., New York, made plans for plant, 10th Ave. and 28th St. Noted Mar. 9.

La., Bogalusa—Great Southern Lumber Co. plans factory. W. H. Sullivan, Gen. Mgr.

Ohio, Akron—Northern Ohio Traction and Light Co. making plans for 1- and 5-story warehouse and electric packing station. About $90,000. Franz Warner, 718 Hippodrome Bldg., Cleveland, Arch. Noted June 29.

Ohio, Cleveland—Halle Bros. Co. made plans for 4-story garage and warehouse, 1809 East 22nd St. About $70,000. S. P. Halle, Euclid Ave. and East 12th St., Pres. Noted May 11.

Ohio, Cleveland—National Bronze and Aluminum Foundry Co., 2539 East 79th St., made plans for addition. About $15,000. Noted June 29.

Ohio, Marion—Bindley Grocery Co. plans new building south of present plant on North State St.

Ohio, Springfield—M. L. and W. B. Kleeman plans 3-story warehouse on West Washington St.

Ohio, Toledo—E. H. Depenthal plans storage building. About $60,000.

Ohio, Warren—Ohio Corrugation Co. plans factory. C. H. Riegal, South Pine St., Mgr.

Ind., Evansville—Evansville Pure Milk Co. making plans for 3-story, 45x55-ft. creamery. About $12,000. J. C. Fischer, 501 Upper 8th St., Secy.

Ind., Indianapolis—E. C. Atkins & Co., South St. and Capitol Ave., plans 2-story factory. About $75,000.

Ind., Indianapolis—Diamond Chain and Manufacturing Co. making plans for plant. Westinghouse, Church, Kerr & Co., 37 Wall St., New York, Engr.

Ind., Indianapolis—Gibson Co., 416 North Capitol Ave., plans 5-story service station and sales building, Capitol Ave. and Michigan St. About $400,000.

Ind., Indianapolis—Powderes Coal Engineering and Equipment Co., Chicago, plans plant at Indianapolis. About $225,000.

Ind., Indianapolis—Stutz Motor Car Co. of Indiana reorganized to Stutz Motor Car Co. of America and will enlarge plant. A. A. Ryan, Vice-Pres.

Ind., La Fayette—Hoosier Oil Refining Co. plans automobile service station on Columbia St. H. D. Willcuuts, Kokomo, Gen. Mgr.

Mich., Belding—Richardson Silk Co. making plans for 4-story, 45x100-ft. warehouse. About $20,000. F. P. Allen & Son, Houseman Bldg., Grand Rapids, Arch.

Mich., Charlotte—Borden Condensed Milk Co. making plans for dry milk plant. About $40,000. Noted Jan. 20.

Mich., Detroit—Barrett Manufacturing Co., 17 Battery Pl., made plans for condenser building and distillation plant. About $100,000.

Mich., Detroit—Saxon Motor Co. making plans for plant at Addison Ave. and Ford Rd. Noted June 1.

Mich., Grand Rapids—Highgrade Motors Co. being organized, plans factory. About $50,000.

Mich., Jackson—Haynes Wheel Co. plans improvements, about $35,000.

Mich., Jackson—Michigan Central R.R. plans additions to shops at Jackson Junction. About $250,000. G. H. Webb, Passenger Terminal Bldg., Detroit, Ch. Engr.

Mich., Johannesburg—Johannesburg Manufacturing Co. plans rebuilding planing mill.

Mich., Menominee—Michigan Electrochemical Co. organized with $150,000 capital to build plant in Menominee. C. W. Gram, Menominee, Pres.

Mich., River Rouge—Ford Automobile Co., Detroit, plans plant at River Rouge. About $8,000,000.

Ill., Alton—Alton Baking and Catering Co. making plans for addition to plant. About $25,000. J. Maupin, Arch.

Ill., Assumption—Locharite Grain Co. making plans for grain elevator, about $14,000. Decatur Construction Co., Waite Bldg., Decatur, Engr.

Ill., Byron—Medill McCormick, 111 West Washington St., Chicago, making plans for 1-story plant. About $30,000. Alfred Hopkins, 101 Park Ave., New York, Arch.

Ill., Chicago—Excelsior Steel Furnace Co. making plans for plant in Goose Island Section. About $200,000. Noted Nov. 25.

Ill., La Salle—Standard Oil Co. plans warehouse and garage. About $30,000. A. Jackson, Joliet, Dist. Secy.

Wis., Barksdale—Du Pont Powder Co. plans addition to plant.

Wis., Chippewa Falls—Western Pump and Machine Co., 1012 University Ave., St. Paul, plans factory at Chippewa Falls. About $100,000.

Wis., Eau Claire—Chippewa Foundry and Machine Co. plans factory.

Wis., Kenosha—Peter Pirsch Co. made plans for 1-story, 100x200-ft. rein.-con. factory. White & White, Public Service Bldg., Arch. Noted Mar. 23.

Wis., Milwaukee—Heil Co. making plans for 1-story, 80x220-ft. factory at 26th St. and Mt. Vernon Ave. King & Smith, Engr.

Wis., Milwaukee—Turbine Machine Renovating Co., Wells and 11th St., made plans for addition. Leiser & Holst, Germania Bldg., Arch.

Wis., Sheboygan—Advance Machinery Co., Toledo, Ohio, plans factory on Union Ave.

Iowa, Ames—Iowa State Agricultural College making plans for abattoir. About $50,000. Proudfoot, Bird & Rawson, 810 Hubbell Bldg., Des Moines, Arch.

Minn., St. Cloud—Standard Oil Co. plans plant on 8th Ave. About $25,000.

Kan., Augusta—Woods Machinery Co. plans plant.

Mont., Great Falls—L. M. Stewart and R. V. McNight making plans for garage and machine shop. About $25,000. H. H. Johnson, Arch.

Ark., Texarkana—Texarkana Ice Co. plans addition to plant. C. W. Dawley, McAlester, Okla., Pres.

Tex., Dallas—Pyrotone Chemical Co. plans plant and laboratories. C. I. Faison, interested.

Okla., Afton—Lipscomb Grain Co. plans grain elevator. C. Lipscomb, Liberal, Mo., interested.

Idaho, Boise—Boise-Payette Lumber Co. plans plant. About $600,000.

Wash., Chehalis—Chehalis Mill Co. plans factory at South Chehalis.

Wash., Seattle—Garford Motor Truck Co., Lima, Ohio, plans factory at Seattle. E. A. Williams, Jr., Pres.

Wash., Seattle—Washington Iron Works plans plant. About $100,000.

Wash., Seattle—Willys-Overland Co. plans plant.

Ore., Warrenton—American Shipbuilding Co. plans plant. Harry P. Spear, Portland, interested. Noted Apr. 20 under Portland.

Calif., Berkeley—American Photo-Player Co. will build 2-story addition to factory, Bonar and Addison St.

Calif., San Francisco—Growers' Rice Mill plans 2- and 4-story mill, 3rd St. and Islais Creek, about $50,000. O'Brien Bros., 240 Montgomery St., Arch.

Que., Quebec—St. Lawrence Paper Bag Co., 103 Marguerite St., making plans for addition, about $20,000. Talbot & Dionne, 16 St. Joseph St., Arch.

Ont., Galt—Roelofson Machine and Tool Co., Ltd., will build machine shop, about $10,000.

Ont., Guelph—Dominion Linens, Ltd., making plans for plant. About $10,000. Tanner & Tanner, Douglas St., Arch.

Ont., Leamington—Heintz Pickle Co. will build addition, about $25,000.

Ont., Markham—Purvis Salts Co. plans factory. A. W. Burk, Toronto, Pres.

Ont., Peterboro—Bonner Worth Co. plans new factory. About $10,000. W. Langford, Water St., Arch.

Ont., Toronto—W. Davies Co., 521 Front St., making plans for ice and cold-storage plant, about $50,000. Heuschilieu & McLaren, 431 South Dearborn St., Chicago, Ill., Arch.

Ont., Toronto—Du Pont Fabrikoid Co., 864 Dufferin St., Toronto, plans factory at New Toronto.

Ont., Toronto—T. Eaton Co., Ltd., Yonge St., soon receives bids for factory, Bloor and Dufferin St., about $50,000. W. Steele & Son, Ryrie Bldg., Arch. Noted May 18.

Ont., Toronto—Toronto Carpet Manufacturing Co., King St., W., plans new factory.

Man., Winnipeg—Western Canada Marble and Tile Co., Ltd., will build factory, about $10,000.

Bids In and Contracts Awarded

Mass., Boston—(Charlestown)—Freeman Bros., Sullivan Sq., let contract 2-story, 40x54-ft. garage to J. T. BALL, 39 Rosedale St., Dorchester.

Mass., Boston—(South Boston)—Perry Buston Doane Co., 307 Atlantic Ave., Boston, let contract 2-story, 40x75-ft. factory to J. M. & C. J. BUCKLEY, 164 Federal St., Boston.

Mass., Brookfield—Ware Realty Co. let contract for mill for Ideal Coated Paper Co. to H. P. CUMMINGS CONSTRUCTION CO., $45,487.

Mass., Cambridge—Boston Machine Screw Co., 133 Oliver St., let contract factory to F. L. McKENZIE, 7 Water St. About $17,500.

Mass., Chelsea—Atwood & McManus, Vale St., let contract 3-story, 50x38x150-ft. addition to J. W. BISHOP & CO., 683 Atlantic Ave.

Mass., Lynn—E. W. Burt & Co. let contract 3-story, 40x100-ft. addition to C. S. CUNNINGHAM & SONS CONSTRUCTION CO., 7 Water St., Boston. About $17,000.

Mass., Waltham—West End Garage Co. let contract 1-st ry, 100x200-ft. garage on Main St. to J. LEVINE, 75 Holworthy St., Boston. About $65,000.

R. I., Woonsocket—E. Blackall let contract 2-story, 100x120-ft. warehouse to EASTERN CONSTRUCTION CO., 110 West 40th St., New York. About $15,000.

Conn., South Norwalk—James A. Farrell, Belle Island, let contract 2-story garage to W. G. MAHER CO., 52 Vanderbilt Ave., New York. About $30,000.

N. Y., Buffalo—F. F. Dalley Co. let contract 5-story, 94x96-ft. factory to H. G. CHRISTMAN & CO., Hamilton. About $100,000. Noted June 29.

N. Y., Buffalo—Fleishmann Malting Co., 2212 Niagara St., let contract grain storage bins to TIFFT CONSTRUCTION CO., 37 Church St. About $27,000.

N. Y., Buffalo—King Sewing Machine Co. let contract addition to CHARLES BERRICK, 1151 Main St. About $14,000. Noted June 22.

N. Y., Cobleskill—Miner, Harder & Co. let contract factory to HALL & HOWLAND.

N. Y., Dansville—Powers Specialty Co. let contract 1-story addition to A. J. WERDEIN, Elizabeth St.

N. Y., Elmira—Morrow Manufacturing Co. let contract factory No. 49 to W. R. COMPTON REALTY AND CONSTRUCTION CO., 201 Lake St., Elmira. About $150,000.

N. Y., New York—(Borough of Manhattan)—Bordens Condensed Milk Co., 100 Hudson St., let contract 5-story plant to M. HIGGINSON, 1123 Broadway. About $60,000. Noted Apr. 27.

N. Y., New York—(Borough of Manhattan)—Hudson Motor Car Co., 1842 Broadway, let contract 3-story, 100x231-ft. garage to CHAMPLIN CONSTRUCTION CO., 103 Park Ave. About $100,000.

N. Y., New York—(Borough of Manhattan)—Manhattan Brass Co. let contract addition to GABLER CONSTRUCTION CO., 114 Leroy Ave. About $10,000.

N. Y., New York—(Borough of Manhattan)—Metropolitan Roofing Metals Co., 203 East 135th St., let contract warehouse to G. HOFFMANN, 1071 Washington Ave. About $60,000.

N. Y., New York—(Borough of Manhattan)—Port Morris Industrial Terminal Co. let contract 1-story addition factory to RILEY & COURTNEY CO., 118 Manhattan St. About $10,000.

N. Y., New York—(Borough of Manhattan)—A. N. Rozell let contract masonry for garage and stable at 267 West 87th St. to F. SEERY, 30 East 42d St. About $50,000.

N. Y., New York—(Borough of Queens)—Ford Motor Co., Jackson Ave., let contract factory and office building to CARLETON CO., INC., 151 West 42nd St. About $15,000.

N. Y., New York—(Borough of Richmond)—American Linoleum Co., 366 5th Ave., Manhattan, let contract 1-story, 28x128-ft. addition at Linoleumville to J. MILNE CO., Richmond Ave., Port Richmond. About $25,000.

N. Y., Rochester—Mandeville & King, 186 Main St., let contract masonry for 2-story, 50x150-ft. warehouse to A. FREDERICHS & SONS CO., 710 Lake Ave. Noted May 11.

N. Y., Rochester—W. A. Naramore, 110 Westminster Rd., let contract 2-story garage to H. LEMPERT, 30 South Goodman St., about $20,000.

N. Y., Schenectady—American Locomotive Works let contract 1-story addition to J. McDERMOTT, 103 Wendell Ave. About $85,000. Noted June 8.

N. Y., Syracuse—Genesee Motor Car Co., 428 East Jefferson St., let contract garage and show room to E. K. FENNO, North Beach St., about $50,000. Noted Mar. 16.

N. Y., Syracuse—Sanderson Works, Syracuse Crucible Steel Co. of America, let contract 2-story, 80x300-ft. factory to E. K. FENNO, North Beach St. About $75,000. Noted Jan. 20.

N. J., Irvington—Irvington Smelting and Refining Co., 122 Cottage St., let contract 1-story factory to BECKER CONSTRUCTION CO., 361 Grove St., Newark. About $13,000.

N. J., Jersey City—Pennsylvania R R. let contract 4-story warehouse foot 7th St. to SNARE & TRIEST CO., 49 South Wharves, Philadelphia.

N. J., Newark—Potts & Kaufman, 226 Washington Ave., let contract 3-story addition to warehouse to D. I. MUDDELL, 120 Elm St., Rahway. About $17,000.

N. J., Newark—Louis Sacks Foundry let contract masonry addition to C. S. COOPER, Clinton Bldg. About $15,000. Noted June 1.

N. J., New Brunswick—E. Mount, Englishtown, let contract 3-story, 40x150-ft. garage at Albany St. and Spring Alley to L. BOARD, 120 Easton Ave. About $28,000. Noted June 15.

Penn., Allentown—Hersh & Bros., 829 Hamilton St., let contract 2-story, 70x80-ft. warehouse to OCHS CONSTRUCTION CO., 5th and Wire St. About $15,000.

Penn., Butler—H. Nicholas let contract 3-story, 58x60-ft. warehouse to G. OSTERLING, 345 Mercer St.

Penn., Erie—Ball Engine Co. let contract 2-story addition to CONSTABLE BROS CO. About $20,000.

Penn., Lancaster—H. Slaugh, 52 South Ann St., let contract dye house and laundry to J. K. WOERTH, 609 West Lemon St.

Penn., Philadelphia—Bell Co., 953 North Hancock St., let contract 5-story, 100x116-ft. warehouse and office building to HARRY GILL, JR., 2515 Germantown Ave. Noted June 22.

Penn., Philadelphia—Morris Estate let contract 2-story, 46x112-ft. warehouse and garage to LANSDOWNE CONSTRUCTION CO., Lansdowne.

Penn., Philadelphia—Raesch Packing Co. let contract 3-story packing plant to A. R. RAFF CONSTRUCTION CO., 1635 Thompson St.

Penn., Philadelphia—Surpass Leather Co., 9th St., let contract 4-story addition to G. KESSLER CONTRACTING CO.

Penn., Philadelphia—W. R. Werner Co., 639 North Broad St., let contract 6-story factory to W. R. STEELE & SONS CO., 1600 Arch St., about $300,000.

Penn., Pittsburgh—W. C. Burry Co. let contract 3-story bakery to D. T. RIFFLE, 1400 Keenan Bldg. About $60,000.

Penn., Williamsport—A. Mardi's Sons, 453 Market St., let contract 2-story, 50x60-ft. storage building and garage to CRANDALL BROS. About $12,000.

D. C., Washington—Peter Latterner, 1111½ St., N. W., let contract 3-story warehouse to BOYLE-ROBERTSON CONSTRUCTION CO., 1516 H St., N. W. About $75,000. Noted May 11.

W. Va., Wheeling—J. W. Beltz submitted lowest bid for 2-story bakery for General Baking Co. About $50,000. W. H. Collins, Pres. Noted Feb. 17.

Ohio, Akron—Summit Wholesale Grocery Co. let contract 2-story, 55x55-ft. warehouse and office building to J. CRISP. About $65,000.

Ohio, Athens—McLee Bindery let contract 1-story factory to J. F. ROBBINS, Athens. About $35,000.

Ohio, Bucyrus—Sommers Motor Co. let contract factory to G. B. HICKS. Noted June 15.

Ohio, Canton—Canton Electric Co. let contract storage building to E. J. LANDOR, Canton. About $50,000. Noted May 4.

Ohio, Cleveland—J. G. Brill Car Co. let contract 2-story, 80x440-ft. factory to W. I. THOMPSON, 6408 Euclid Ave. About $140,000. Noted June 1.

Ohio, Cleveland—J. Frank, 3637 Cedar Ave., let contract 2-story warehouse to S. FRANK, 2555 East 38th St. About $12,000.

Ohio, Cleveland—Grasselli Chemical Co. let contract 2-story laboratory to CROWELL, LINDOFF & LITTLE CO., 1951 East 57th St. About $75,000. Noted May 18.

Ohio, Cleveland—Park Drop Forge Co., East 79th St., let contract addition to G. B. McMILLAN CO., 1794 East 55th St., about $10,000.

Ohio, Dayton—Edgement Machine Co. let contract 2-story, 50x100-ft. factory to G. W. HOLTON, 828 South Dennison Ave. About $20,000. Noted Mar. 23.

Ohio, Lima—Lima Telephone and Telegraph Co. let contract warehouse to T. R. SLIEMERS. About $25,000.

Ohio, Steubenville—General Baking Co. let contract 2-story bakery to W. F. COOPER CO., Toronto. About $25,000. Noted Apr. 20.

Ohio, Zanesville—Dresden Paper Mills Co. let contract factory to W. C. HANDSHY & SON, Zanesville, $13,000.

Ind., Ft. Wayne—Ft. Wayne Rendering Co. let contract 3-story plant to INDIANA ENGINEERING AND CONSTRUCTION CO.

Mich., Bay City—Bigelow-Cooper Co. let contract plant to BAY CITY STONE CO. About $25,000.

Ind., Anderson—McIntyre & Hilburt, 2308 Columbus Ave., let contract 2-story bakery on Meridian St. to D. ESHELMAN & SON, 126 West 5th St. About $21,000. Noted June 22.

Mich., Bay City—Young Packing and Cattle Co. let contract 2-story packing plant to WEBBER CONSTRUCTION CO., Bay City.

Mich., Grand Rapids—Excelsior Wrapper Co. let contract factory to HORNER & KELLEY, Widdicomb Bldg.

Mich., Grand Rapids—Imperial Furniture Co. let contract 2-story warehouse and factory to GENTZ BROS., Houseman Bldg.

Mich., Grand Rapids—Kindel Bed Co. let contract dry kiln to HAUSER & BRENNEN.

Mich., Holland—Home Furnace Co. let contract plant to TEN BROEKE & STERENBERG, $17,000.

Ill., Chicago—Humboldt Stair Works, 1616 North Richmond St., let contract factory to H. Y. SCHRIK & CO., Chicago.

Ill., Chicago—H. W. Hutchinson & Son, 337 West Madison St., let contract 2-story factory to P. LOTZ & CO., Chicago, about $20,000.

Ill., Chicago—W. P. Pelouze, 232 East Ohio St., let contract 7-story, 79x142-ft. warehouse and office building to J. RODATZ, 209 South La Salle St. About $175,000.

Ill., Chicago—Pullman Co. let contract shop buildings and crane runways to ARNOLD CO., 15 South La Salle St. About $3,000,000.

Ill., Rock Island—Moline Plow Co. let contract factory to STONE & WEBSTER, 147 Milk St., Boston. Noted July 6.

Wis., Combined Locks—Combined Locks Paper Co. let contract 2-story addition to WORDEN ALLEN CO., 208 South La Salle St. About $170,000.

Wis., La Crosse—(Official)—Fisk Rubber Co., Chicopee Falls, Mass., let contract 2-story, 50x100-ft. factory at 6th and State St. to PETER NELSON, $16,000. Noted Mar. 16.

Wis., Milwaukee—John Obenberger Forge Co. let contract plant to KLUG & SMITH, Mack Blk. About $60,000. Noted June 29.

Iowa, Marshalltown—Fisher Governor Co. let contract 2-story factory to JENSEN & ENO, 109 North 7th St., $15,000. Noted June 29.

Mo., St. Louis—St. Louis Electrical Works, 5410 Easton Ave., let contract 2-story factory to H. DILSCHNEIDER, 5879 Julian Ave. About $11,800. Noted June 8.

Tex., Galveston—Galveston Wharf Co. let contract Section D at Pier 39 to STONE & WEBSTER ENGINEERING CORPORATION, 147 Milk St., Boston, Mass. About $30,000.

Tex., Wharton—Texas Southern Electric Co. let contract cold-storage plant to J. T. WILLIAMS.

Idaho, Ilo—Ilo Rochdale Co. let contract 2 grain elevators to GLOBE CONSTRUCTION CO., Livingston, Mont., about $21,000.

Wash., Seattle—Port Comrs. let contract warehouse to VILTER MANUFACTURING CO., Milwaukee, $71,292. Noted Nov. 11.

Calif., Los Angeles—Firestone Tire and Rubber Co., 1239 South Olive St., let contract 3-story building, 12th and Figueroa St., to F. O. ENGSTRUM CO., $42,950. Noted July 6.

Calif., Los Angeles—P. Senegram let contract warehouse, 619 South Utah St., to A. J. BUCKSBY & SON, Bldrs. Exchange, about $10,000.

Ont., Campbellford—Northumberland Paper and Electric Co. let contract plant to T. McMANUS, $50,000. Noted June 8.

Ont., Hamilton—F. F. Dalley Co. let contract 5-story, 94x96-ft. factory to H. G. CHRISTMAN & CO., Hamilton. About $100,000.

Ont., Port Arthur—Grain Growers Grain Co., Winnipeg, Man., let contract elevator to S. J. McQUEEN, Ft. William. About $700,000.

Ont., Toronto—Bowles Lunch Co., Ltd., let contract bakery to W. J. JOY, 86 High Park Ave. About $30,000.

FEDERAL GOVERNMENT WORK

Proposed Work

Pa., Arlington—Approaches—Arlington Memorial Amphitheater Comn., 1729 New York Ave., Washington, receiving bids July 26 for masonry approaches to memorial amphitheater, Arlington National Cemetery. (See adv.)

D. C., Washington—Bridges—Comr. Indian Affairs, Washington, D. C., receiving bids Aug. 7. Cato Sells, Comr. (See adv.)

Va., Pulaski—Post Office—U. S. Government appropriated $19,000.

N. C., Burlington—Post Office—James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, receiving bids Aug. 11.

Tenn., Nashville—Post Office and Custom House—James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, receiving bids Aug. 28 for extending and remodeling. Noted Apr. 20. (See adv.)

Ky., Louisville—Hull and Derrick—U. S. Engineer Office receiving bids July 29, dredge "Casey." (See adv.)

Ohio, Newark—Post Office—James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., receiving Aug. 16. Noted May 11.

Kan., Eldorado—Post Office—U. S. Government appropriated $60,000 for post office.

Mont., Browning—Canal Work—U. S. Reclamation Service receiving bids July 31. (See adv.)

Utah, Springfield—Buildings—Comr. of Fisheries, Dept. Commerce, Washington, D. C., receiving bids July 28, at Fisheries Station, Springville.

Calif., Vallejo—Bucket Dredge—F. R. Harris, Ch. Bureau of Yards and Docks, Navy Dept., Washington, receiving bids Aug. 12 gravity swing, 1 ton, Navy Yard, Mare Island. Noted July 6.

Alaska—Alaska Engineering Commission plans to let contracts for stations for railway from Fairbanks to coast. W. A. Defoe, Supt. Constr. Noted Oct. 22.

Panama—Miscellaneous Supplies—Maj. E. I. Brown, Gen. Pur. Officer, Panama Canal, Washington, D. C., receiving bids July 20.

Bids In and Contracts Awarded

Conn., Putnam—Post Office—Government rejected bids. Noted June 29.

Penn., Pittsburgh—Buildings—U. S. Engineer Office received low bid 2 lockkeepers' houses Dam No. 1 from D. A. File & Co., 201 Fitzsimons Bldg., $5,998 each. Noted June 1.

Md., Baltimore—Dredging—Government received lowest bid dredging Elk and Little Elk Rivers from Maryland Dredging and Contracting Co., 1515 Fidelity Bldg., 27c. cu.yd. Noted June 1.

D. C., Washington—Water Meters—Government let contract to WORTHINGTON PUMP AND MACHINERY CORPORATION, 115 Broadway, New York, $6.75 each. Noted July 6.

Miss., Oxford—Heating, Etc.—U. S. Government let contract, in Oxford post office, to WILLIAM WILBY, Selma, Ala. About $7,982.

Ohio, Lorain—Cement—Lighthouse Inspector let contract to LEHIGH PORTLAND CEMENT CO., Allentown, Penn., $1.87 bbl. Noted May 11.

Ill., Chicago—Breakwater—Government let contract repairing superstructure to CHICAGO GENERAL CONSTRUCTION CO., Chicago, $8,527.

Iowa, Grinnell—Post Office—Government let contract to C. WEITZ SONS CO., Des Moines, $60,500. Noted June 1 and July 6.

Kan., Salina—Repairs—U S. Government let contract repairing approaches postoffice to GEORGE A. SHAUL, Seneca. About $4,699.

S. D., Redfield—Post Office—Government let contract to C. WEITZ SONS CO., Des Moines, $59,780. Noted May 25 and July 6.

Mont., Malta—Structures—U. S. Reclamation Service received bids, Bowdoin Canal, Milk River Project, J. O'Connor, Malta, Schedule 1, $21,710; Security Bridge Co., Minneapolis, Schedule 2, $7,847. Noted May 25.

Tex., Galveston—Buildings—Government let contract to O. B. FISCHER BUILDING CO., Galveston, $20,554. Noted June 8.

Calif., Tiburon—Dredging—Bureau of Yards and Docks, Navy Dept., Washington, D. C., received bids, at Tiburon Naval Coal Depot (a) ordinary dredging, (b) dredging rock requiring blasting: R. A. Perry, Perry Bldg., Oakland, (a) 23c., (b) $6.80; Marshall C. Harris, 23 California St., San Francisco, (a) 30c., (b) $2.45; San Francisco Bridge Co., 14 Montgomery St., San Francisco, (a) 19.3c., (b) $5.19. Noted June 22.

CANALS, DITCHES AND IRRIGATION

Proposed Work

N. C., Hendersonville—Drainage—Bd. of Drainage Comr. receiving bids July 15 for improving Drainage Dist. No. 1. W. C. Jordan, Chn.

Ind., Cowan—Ditch—Trustees Monroe Township receiving bids July 15, George Gibson, No. 4111.

Ill., Hillview—(Official)—Drainage—Comrs. Hillview Drainage and Levee Dist. receiving bids July 27 for ditch excavation, about 220,578 cu.yd. Caldwell Engineering Co., Ayers Bank Bldg., Jacksonville, Engr. (See adv.) Noted May 11.

Wis., Racine—Drainage—Thompson, Myers & Kearney, First National Bank Bldg., receiving bids July 24 for Root River Drainage Dist.

Iowa, Nevada—(Official)—Drainage—County receiving bids July 22 for draining highways in northern Sherman Township and southern Lincoln Township, Highway Drainage Dist. No. 74. About $55,000. S. Steigemals, Nevada, County Engr. Noted June 29.

Minn., Ada—Ditch—County receiving bids July 18, No. 38. D. E. Fulton, Ada, County Audr. About $4,650.

Minn., Morris—Ditch—County receiving bids July 25, No. 22, about $8,318. C. R. Wollthan, Morris, County Audr.

Minn., Morris—Ditch—Stevens County receiving bids July 25, No. 21, about $21,962. C. R. Wollthan, Morris, County Audr.

Minn., St. Cloud—Ditch—County receiving bids July 21, No. 27. About $21,692. N. Thorney, County Audr.

Minn., Willmar—Ditch—County receiving bids July 25 for widening and deepening Ditch No. 10. About $15,144. S. Nelson, Willmar, County Audr.

Tex., Dallas—Drainage—Comrs. Dallas County Court plan drainage and levee district along west bank of Trinity River at Five-Mile Creek. About $100,000.

Calif., Bridgeport—Irrigation—E. H. Dodge, San Francisco, applied to State Water Com. to appropriate water of Lee Vining Creek to irrigate 50,000 acres. About $200,000.

Calif., Pasadena—Irrigation Ivanpaugh Valley Improvement Co. applied to State Water Com. to appropriate waters of Cliff and Boulder Cañon Creeks in San Bernardino County to Dey Lake in Ivanpaugh Valley to irrigate 8,000 acres. About $10,000.

Calif., Visalia—Irrigation—A. D. Schindler, San Francisco, applied to State Water Comn. to appropriate water from Kings, Tulare and Keweah Rivers to irrigate Tulare Lake Basin. Tulare Irrigation Dist. to be formed.

Bids In and Contracts Awarded

Mass., Cuttyhunk—Dredging—Harbor and Land Comn. let contract, Cuttyhunk Harbor, 38,000 cu.yd., to J. S. PACKARD DREDGING CO., Providence, $0.2997 per cu.yd. Noted June 22.

Mass., Duxbury—Dredging—Harbor and Land Comrs. let contract, Duxbury Bay, to BAY STATE DREDGING AND CONSTRUCTION CO., 247 Atlantic Ave., Boston.

Mass., Plymouth—Dredging—Harbor and Land Commission let contract, Plymouth Harbor, 50,000 cu.yd., to BOSTON DREDGING CO., 40 Central St., Boston, $0.249 yd. Noted July 6.

Mass., Wareham—Dredging—Harbor and Land Comrs. let contract, Wareham River, 135,000 cu.yd., to CHARLES M. COLE, 80 Belmont St., Fall River, 31c. cu.yd. Noted June 29.

N. Y., Albany—Barge Canal Work—Contract for substructure, superstructure and approaches of Freeman's Bridge over Mohawk River near Schenectady at Barge Canal Center Line Station 1198-93, Contract No. 129 let to FOUNDATION CO., 233 Broadway, New York, $87,390. Noted June 8.

N. Y., Albany—Barge Canal Work—Low bids received June 27 for improving Cayuga and Seneca Canal and New York State Canals, Contract No. 1-A, Cayuga and Seneca Canal, Sect. 1 from Sherman-Stalter Co., Lyons, $25,831; E. Brown Baker, Herkimer, $27,946; Larkin & Sangster, Buffalo, $28,719. Noted June 1.

N. Y., Albany—Barge Canal Work—Contracts improving Cayuga and Seneca Canal and New York State Canals let to JAMES STEWART & CO., INC., 39 Church St., New York, $108,540, Contract No. 72-B, Champlain Canal, Sect. 1 and R. H. MURRAY, Rochester, $110,689, Contract No. 59-A, Erie Canal, Sect. No. 9. Noted June 1.

Ga., Monroe—Drainage—Bd. Drainage Comrs. let contract draining Alcovy River to KARR & MOORE, Salisbury, N. C.

Mich., Ontonagon—Dredging—Contract let to ZENITH DREDGING CO., Duluth, $19,875, Ontonagon Harbor.

Iowa, Garner—Ditches—County let contracts, No. 82 to A. NELSON and No. 64 to M. JENSON.

Iowa, Garner—Ditch—County let contract tile for Ditch No. 76 to MAMMOUTH CLAY MANUFACTURING CO. Noted Feb. 17.

Iowa, Red Oak—Drainage—Montgomery County let contract ditch along East Nodaway River to O. T. HERRICK, Des Moines.

Minn., Duluth—Ditch—County Comrs. let contract Carlton-St. Louis Ditch No. 2 to W. J. GLEASON CO., Aitkin, $50,484.

Minn., Fairmont—Ditch—Contract Ditch No. 63, Jay Township, let to W. C. MARKLAND & CO., Fairmont, $9,964.

Minn., Jackson—Ditch—County let contract to REDDING & SMAGGE, $47,000.

Minn., Mankato—Ditch—County let contract, No. 43, to P. PAULSON, Carroll, Iowa, $11,992.

Minn., Morris—Ditch—County let contract, No. 23, to CHARLES TURNELL, $15,000. Noted June 8.

Minn., Olivia—Ditch—Contracts Bird Island Ditch let to BISBALLE & SANDEN, Florence, $114,250 for tile, NATIONAL CONSTRUCTION CO., $18,000 open work.

Minn., Worthington—Ditch—County let contract Ditch No. 2 to N. L. NIELSON, Fulda, $6,965. Noted Dec. 30.

Mo., Kansas City—Levee—Supervs. Birmingham Drainage Dist. let contract 10.78 mi. of levee to R. H. and G. A. McWILLIAMS, 332 South Michigan Ave., Chicago. Noted June 15.

Tex., Balmorhea—(Official)—Irrigation—Reeves County Irrigation Dist. No. 1 let contract diversion dam and canal, 2 earth storage dams with outlet works and canal to A. D. JAMISON, Grand Falls. Noted June 1.

Wash., North Yakima—Ditch—County Comrs. let contract open ditch in Sub-Dist. No. 5 and Drainage Improvement Dist. No. 3 to H. PEDERSON, $10,430.

MISCELLANEOUS

Proposed Work

Mass., Lynn—Improving Creek—City plans to change bed and culvert Strawberry Brook, 1,500-ft. About $13,000.

N. Y., Albany—(Official)—Metal Furniture and Equipment—Trustees of Pub. Bldgs., Executive Chamber, receiving bids July 18, state house. L. F. Pilcher, State Arch. (See adv.)

N. Y., Buffalo—Market—Parke, Hall & Co. interested in 120x150-ft. market at 499 Elmwood Ave.

N. Y., Elmira—(Official)—Structural Steel Work—H. Melville, Pres. Bd. of Mgrs., State Reformatory, receiving bids July 15, shop building No. 4. L. F. Pilcher, Albany, Arch. (See adv. July 6 issue). Noted June 1.

N. Y., Hornell—Flood Protection—City voted $13,102 bonds.

N. Y., New York—(Borough of Queens)—Wall and Fence—City plans, Flushing Ave. J. T. Fetherston, Comr. Dept. of St. Cleaning of borough.

N. J., Atlantic City—(Official)—Cast Iron Pipe and Castings—Bd. Comrs., City Hall, receiving bids July 20. J. B. Thompson, Dir. Parks and Pub. Property. (See adv.)

N. J., Lodi—(Official)—Fire Apparatus—Fire and Water Com. of Mayor and City Council, Council Chamber, Municipal Bldg., 47 Main St., receiving bids July 21. J. R. MacCulloch, 278 Main St., Chn. (See adv.)

N. J., Trenton—Fire House—City plans Brunswick Ave. About $40,000.

Penn., Dunmore—Retaining Wall—City plans, Electric St. About $5,000. J. R. Murphy, Miller Bldg., Engr.

Md., Hagerstown—Park—City sold $40,000 bonds. J. B. Ferguson, City Engr.

Va., Quantico—Dry Dock—International Steel Plate and Shipbuilding Co. plans. About $500,000. T. J. Shea, 1022 Munsey Bldg., Washington, D. C., Pres.

Ohio, Cincinnati—Bathhouse—Bd. of Pub. Wks. plans remodeling bathhouse on Cutter St. A. C. Kuball, 519 Main St., Arch.

Ohio, Cleveland—Elimination of Grade Crossing—Pennsylvania R. R. plans Central and Holton St. A. C. Shand, Broad St. Station, Philadelphia, Ch. Engr.

Ohio, Fremont—Playgrounds—City votes Aug. 8 on $20,000 bonds. C. A. Hochenedel, City Engr.

Ohio, Lima—Fire Stations—City soon receives bids. J. I. Heffner, City Clk. Noted Sept. 23.

Ohio, West Park—Fire Station—City plans. About $35,00.

Ind., Shelbyville—Fire Station—City receiving bids July 18, 2-story. About $12,000. W. S. Jones, City Clk.

Mich., Muskegon—Pier—City plans. Paul Grimes, City Engr.

Mich., Niles—Artificial Lake—Francis J. Plyn, Pres. Kawneer Manufacturing Co., interested in lake to be made by dredging and pumping.

Ill., Springfield—Park Improvements—City plans improving park and boulevards leading thereto. About $100,000.

Wis., Madison—Retaining Walls and Drive—City plans, along shore of Lake Monona and Mendota. O. S. Norsman, City Clk.

Iowa, Onawa—Straightening River—County plans straightening Soldier River. About $90,000.

Kan., Clay Center—Channel—A. L. Williamson plans to spend $25,000 to turn Republican River back into old channel.

Kan., Wichita—Flood Protection—City made plans to prevent floods from canal and Little River. B. Wells, City Engr.

Neb., Lincoln—Roller—City will purchase 5-ton steam-driven tandem asphalt roller. A. Dobson, City Engr.

Ark., Marianna—Playground—Marianna Playground Association plans playground to include swimming pool. R. L. Mixon, Pres.

Tex., Sherman—Parks—City defeated $10,000 bond issue. Noted June 15.

Calif., Bakersfield—Park—City defeated $150,000 bond issue. Noted May 11.

Calif., Fresno—Levees—P. B. Engh, Engr., estimates cost of levees on Stimson-Burrell Tract, 25,000 acres, at $200,000.

Ont., Renfrew—Rink—Renfrew Curling Club plans, about $7,000. R. D. Scott, Secy.

Bids In and Contracts Awarded

Mass., Dartmouth—Breakwater—Harbor and Land Commission let contract 8,500 tons stone for breakwater at Salters Point to JOHN R. BURKE, 78 Devonshire St., Boston, $1.78 per ton. Noted July 6.

Mass., North Adams—Retaining Wall—Arnold Print Works let contract retaining wall to H. C. WOOD CO., 191 Ashland St.

Mass., West Springfield—Dike—Eastern States Agricultural and Industrial Exposition let contract, Connecticut River, to D. O'CONNELL SONS CO., Holyoke.

Conn., Windsor—Elimination of Grade Crossing—State Highway Comrs. let contract to HYDE PARK CONSTRUCTION CO., 164 Federal St., Boston, Mass., $39,178. Noted June 29.

N. Y., New York—(Borough of Bronx)—(Official)—Elevated Work—Public Service Commission for First District let contract 180th St. Yard of Route No. 18, part White Plains Road Rapid Transit R.R. to THOMAS J. BUCKLEY CONSTRUCTION CO., 303 5th Ave., Manhattan, $269,222. Noted July 6.

N. Y., New York—(Borough of Queens)—Field House—Adelphia Club, Lawn Ave., Rockaway Beach, let contract athletic field and field house to BARNETT CONSTRUCTION CO., 150 Nassau St. About $20,000.

N. Y., Rochester—Shipping Platform—North East Electric Co. let contract to G. KICHER, Clifford St. About $18,000.

N. J., Harrison—Platforms—Hyatt Roller Bearing Co. let contract 2 platforms, Middlesex St., to AMERICAN CONCRETE STEEL CO., Essex Bldg., Newark. About $15,000.

Va., Richmond—Creek Improvements—City let contract 5 sections of Shockoe Creek to ELKINS & TUFTS, $61,975. A. W. MAYNARD, $39,404, OCEAN CONSTRUCTION CO., $39,029, L. HANKINS, $37,621, VAN DOREN BROS., $55,399. Noted June 1.

Del., Wilmington—Jetty—Contract let to C. R. SIMPSON, New York, $8,400, repairing jetty at Broadkill River.

Miss., Vicksburg—Levee—Contract levee work at Arkansas River let to W. J. MASSEY and M. WOLCHANSKY, Red River, $60,750.

La., New Orleans—Engine House—City let contract, 2-story, Napoleon Ave. and Pitt St., to G. E. and E. E. REIMANN, 618 South Gayoso St. About $10,575. Noted Jan. 13.

La., New Orleans—Engine House—J. W. Lennex, New Orleans, $12,440 lowest bidder, 2-story, Bouny and Beleronde St. W. J. Hardee, City Clk. Noted Jan. 13.

Ohio, Cleveland—(East Cleveland)—Fire Station—Rowe & Giles, Chagrin Falls, $14,292 lowest bidder, Hayden Ave. M. J. Herbert, Dir. Pub. Wks. Noted May 18.

Ind., Indianapolis—Flood Gates—Bd. of Pub. Wks. received bids for flood gates along White River and Fall Creek from A. Bruner Co., $9,250 and J. Vogel, $9,992.

Ind., Indianapolis—Retaining Wall—County let contract to A. F. HOOTON & SON, 3205 Phipps St., and VOLPP & FRITZ, 445 Sanders St.

Ind., Rockport—Levee—Comrs. Spencer County let contract to D. TITUS, Grand View.

Mich., Keweenaw Bay—Breakwater—Contract let to ENGLAND TOWING CO., Duluth, $19,815, repairing.

Ill., Chicago—Riprap Slopes—Palas and Worth Townships let contract to GREEN & SONS CO., 32 South Michigan Ave. About $425,000.

Ont., Ottawa—Subway—Bd. of Control let contract, Bank St., to UNION CONSTRUCTION CO., Ottawa, $11,046.

BUILDINGS

Proposed Work

Other items relative to Building Construction will be found under the following headings: "Industrial Works," "Federal Government Work" and "Miscellaneous."

Maine, Skowhegan—Reformatory—State receiving bids July 15, 2-story, 30x149-ft. E. F. Fassett, 95 Exchange St., Portland, Arch.

Vt., Bennington—Gymnasium—Y. M. C. A. making plans, 3-story. L. E. Jallade, 37 Liberty St., New York, Arch.

Mass., Brockton—School—School Bd. made plans for addition, Winthrop School, about $90,000. F. I. Cooper, 33 Cornhill St., Boston, Arch. Noted June 15.

Conn., Bridgeport—Society Building—Sons of St. George making plans, 4-story. E. G. Southey, 983 Broad St., Arch.

N. Y., Mt. Kisco—School—Bd. Education receiving bids July 17. Addition. About $40,000. F. J. Carpenter, Clk. Noted May 4.

N. Y., New York—(Borough of Manhattan)—Bethlehem Day Nursery plans 5-story, 23x83-ft. building. F. P. Kelley, 437 5th Ave., Arch.

N. J., Jersey City—(Official)—Hospital Buildings—Bd. of Comrs. of Jersey City receiving bids July 25, Baldwin Ave. and Montgomery St. M. I. Fagen, City Clk. (See adv.)

N. J., Montclair—(Official)—School—Bd. Education receiving bids July 25 for additions and alterations to Nishuane School. L. L. Jackson, 22 Valley Rd., Secy. Starrett & Van Vleck, 8 West 40th St., New York, Arch. Noted Mar. 30. (See adv.)

N. J., Montclair—(Official)—School—Bd. Education receiving bids July 25 for additions and alterations to Watchung School. L. L. Jackson, 22 Valley Rd., Secy. Starrett & Van Vleck, 8 West 40th St., New York, Arch. Noted Mar. 30. (See adv.)

Penn., York—Knights of Malta plan building. About $60,000. W. J. Raffensberger, interested.

Md., Guilford—Loyola College plans buildings. Maginnis & Walsh, Boston, Mass., Arch.

Va., Covington—Bank—National Bank of Covington making plans, 2-story, 40x64-ft. About $40,000. A. C. Bossom, 366 5th Ave., New York, Arch.

N. C., Asheville—High School—F. L. Conder, Secy.-Treas., receiving bids Aug. 1. W. H. Lord, Asheville, Arch. Noted Apr. 20.

La., Thibodaux—Church—St. Joseph Church plans rebuilding. About $100,000. L. P. Caillouset, Chn. Bldg. Com.

Tenn., Memphis—Hotel—F. Pendergrast, 1562 Union Ave., receiving bids about July 15, 6-story. About $100,000. Hanker & Cairns, Scimitar Bldg., Arch. Noted June 8.

Ky., Louisville—Convent—Convent for Ursuline Sisters making plans, 3-story. About $135,000. F. Erhart, 409 Norton Bldg., Arch.

Ohio, Cleveland—Library—Bd. of Pub. Library receiving bids Aug. 1 for $2,000,000 bonds. C. Lorenz, Secy. Bd. of Pub. Library. Noted Dec. 2.

Ohio, Cleveland—Hotel—Del Prado Hotel Co., Euclid Ave. and East 40th St., plans. About $200,000. W. McClure, Pres.

Ohio, Cleveland—Church—Hough Avenue Congregational Church plans addition. About $40,000. E. L. Howe, Chn.

Ohio, Cleveland—High School—Roman Catholic Diocese of Cleveland, Superior and East 9th St. plans, 11105 Euclid Ave. J. P. Farrelly, Bishop.

Ohio, Dayton—Bank—Mutual Home and Savings Association plans, 10-story. About $200,000. Schenck & Williams, 591 Arcade Bldg., Arch. S. R. Jones, 26 North Main St., Pres.

Ohio, Defiance—School—City votes Aug. 8 on $200,000 bonds.

Ohio, Girard—Schools—Bd. of Education receiving bids July 21 for two. G. M. Bartholomew, Clk. Noted Mar. 2 and May 11.

Ohio, Hilliards—Grade and High School—Norwich Township receiving bids about Aug. 1. About $60,000. F. L. Packard, 1212 Hayden Bldg., Columbus, Arch. Noted June 22.

Ind., Atlanta—High School—G. Walters, Trus. Bd Education, receiving bids July 17, 2-story. H. L. Bass & Co., 801 Hume Mansur Bldg., Indianapolis, Ind., Arch.

Mich., Albion—School—Bd. of Education making plans, 2-story, 60x100-ft. About $50,000. E. W. Arnold, 498 Main St., Battle Creek. Noted May 25.

Ill., Chicago—(Austin)—Church—Resurrection Congregation, Jackson Blvd. and Leamington St., made plans. About $100,000. M. J. Sullivan, Pastor.

Iowa, Geneva—School—Consolidated Bd. Education receiving bids July 22, 2-story, about $40,000. R. A. Waddington, Secy. A. J. Gage, 606 Youngerman Bldg., Des Moines, Arch.

Iowa, Iowa City—Schools—City votes July 25 on $250,000 bonds. Noted June 29.

Iowa, Jesup—School—Consolidated School Dist. lets contract in August. About $75,000. H. E. Netcott, Independence, Arch. Noted June 15 and 29.

Iowa, Orange City—Bank—Orange City National Bank making plans, about $50,000. Beuttler & Arnold, 609 Security Bldg., Sioux City, Arch.

Iowa, Oskaloosa—Oskaloosa College making plans buildings. About $150,000. A. T. Simmons, First National Bank Bldg., Bloomington, Ill., Arch.

Iowa, Red Oak—High School—Bd. of Education receiving bids July 24. Trunk & Gordon, St. Joseph, Mo., Arch. W. W. Montgomery, Secy. Noted June 22.

Iowa, Sioux City—Church—First Congregational Congregation soon receives bids, 13th and Nebraska St., about $75,000. W. L. Steele, United Bank Bldg., Arch. Noted Apr. 6.

Iowa, Sioux City—Office—W. Gordon, 230 Davidson Bldg., made preliminary plans, 2-story, 7th and Pierce St. About $50,000. F. E. Colby & Son, 510 Davidson Bldg., Arch. Noted Mar. 16.

Minn., Bemidji—Memidji Lodge No. 1052, B. P. O. E., receiving bids July 18 for building. About $40,000. Noted Jan. 20.

Minn., Hibbing—Courthouse—City receiving bids July 18. About $85,000. Noted Apr. 20.

Minn., Nevis—Sanitarium—P. Roy, Grand Opera House Blk., St. Paul, plans.

Minn., Silver Creek—School—City defeated bond issue.

Minn., Virginia—Schools—School Bd. votes July 15 on $486,000 bonds. P. P. Colgrove, Supt. Noted June 15.

Kan., Abilene—High School—School Bd. plans bond issue.

Kan., Iola—High School—City making plans, 3-story, 90x160-ft. About $85,000. T. W. Williamson & Co., 418 Central National Bank Bldg., Topeka, Arch. Noted June 8.

Kan., Smith Center—High School—Bd. of Education receiving bids about Aug. 1, 2-story rein.-con. About $45,000. T. W. Williamson & Co., 418 Central National Bank Bldg., Topeka, Arch. Noted June 1.

Mont., Glendive—Gymnasium—Bd. of Trustees, Dawson County High School, plans.

Mont., Livingston—School—City votes Aug. 29 on $45,000 bonds.

Mo., Independence—High School—Bd. of Education receiving bids July 19 for 3-story, 90x148-ft. rein.-con. About $75,000. J. W. Davis, Secy. Noted May 25.

Mo., Springfield—Y. W. C. A. receiving bids about July 15 for 2-story, 50x150-ft. building. About $50,000. O. L. Brettner, Holland Bldg., Arch. Noted May 11.

Ark., Greenwood—Courthouse—Sebastian County receiving bids July 19, 2-story, 65x98-ft. About $60,000. A. Klingensmith, Ft. Smith, Arch. Noted June 8.

Ark., Hot Springs—Hotel—Harry Dougherty plans to rebuild St. Charles Hotel.

Ark., Newport—Hotel—Wolff Goldman Realty Co. plans to rebuild. Mann & Stern, Gazette Bldg., Little Rock, Arch.

Okla., Ada—School—City voted $90,000 bonds. Noted June 22.

Okla., Ardmore—Theater—Bailey & Bailey, Arch., Oklahoma City, making plans.

Okla., Crescent—Hotel—C. A. Cuff, Omaha, Neb., plans.

Okla., Waynoka—City Hall—City plans.

Utah, Parowan—(Official)—School—Bd. of Education receiving bids about July 20. About $40,000. Cannon & Fetzen, Salt Lake City, Arch. Noted June 15.

Ore., Portland—Order of Moose plans rein.-con. building. About $75,000. Houghtaling & Dougan, Henry Bldg., Arch.

Calif., Los Banos—School—City voted $63,000 bonds.

Calif., Oakland—Hall of Records—Board of Supervisors of Alameda County receiving bids Aug. 7 for annex. G. E. Gross, Oakland, Clk.

Calif., Santa Barbara—Church—Presbyterian Congregation plans. About $100,000. R. F. Saulter, Arch.

Calif., Santa Barbara—High School—Bd. of Education plans election to vote on $250,000 bonds. E. C. Roeder, Secy.

Calif., Visalia—School—City making plans. About $46,000. Swartz & Swartz, Arch. Noted May 11.

Calif., Woodland—Court House—Yolo County voted $200,000 bonds. Address County Clerk, Woodland. Noted Oct. 28.

Que., Marieville—Church—Parish of Ste. Marie de Bonair plans. About $150,000. Viau & Venne, 76 St. Gabriel St., Montreal, Arch.

Que., Montreal—Deaf and Dumb Institute plans building on St. Lawrence Blvd. About $280,000. Gauthier & Dacust, 180 St. James St., Arch.

Que., Quebec—Hospital—Anti-Tuberculosis League making plans. About $100,000. Tanguay & Legon, 10 d'Aguillon St., Arch. Noted Apr. 20.

Bids In and Contracts Awarded

Mass., Pittsfield—Church and School—St. Mary's of Morning Star Parish let contract to E. F. ROSCOE, Pittsfield. About $60,000. Noted Apr. 20.

Mass., Somerville—High School—City received bids; J. E. Locatelli Co., 46 Cornhill St., Boston, $69,967; C. S. Cunningham Construction Co., 101 Tremont St., Boston, $71,458; C. S. Cunningham & Sons Co., 7 Water St., Boston, $72,980. Noted May 4.

N. Y., Chautauqua—High and Grade School—Bd. of Education let contract addition to E. J. BAILEY, Brocton. About $50,000.

N. Y., Clinton—Sigma Phi Fraternity, Hamilton College, let contract 2-story, 60x60-ft. building to G. HOPP, 1022 Seymour Ave., Rochester. About $40,000. Noted Feb. 24.

N. Y., Croghan—School—St. Stephens Church let contract to C. DELINE, Otis Bldg., Watertown, $50,000.

N. Y., Ithaca—Theatre—Crescent Theatre Co. let contract to PULFORD & DEMPSE, 157 Falck St., Elmira, about $75,000.

N. Y., Johnson—Hospital—C. Wilson let contract, 2-story addition, to W. KNOELLER, 4 Main St., Johnson City.

N. Y., Morris Park—Church—Congregation of St. Joseph Benedict let contract to F. DROESCH, 1466 Woodhaven Ave., Woodhaven, about $70,000. Noted Feb. 24.

N. J., East Orange—School—Bd. Education let contract addition to Elmwood School to DE RISO BROS., 3d St., Union, about $100,000. Noted July 6.

N. J., Pompton Lakes—School—Bd. Education let contract to A. W. CRONE & SON, 500 Central Ave., Jersey City, about $40,000. Noted May 25.

N. J., West Hoboken—School—St. Michael's Monastery let contract to G. CRANWELL & SON, Union St. Noted June 1.

Penn., Columbia—School—City let contract to G. W. PAULES. About $60,000.

Penn., Ebensburg—Courthouse—City let contract addition to W. H. FISSELL & CO., 1328 Broadway, New York, $394,882. Noted Apr. 6.

Penn., Pittsburgh—Labor Lyceum—Labor Lyceum Co. let contract addition and alterations to S. POLLACK, Braddock. About $50,000.

Penn., Scranton—Church—Holy Cross Congregation let contract, 1-story, 64x136-ft., to BEILMAN & SON, 232 Ash St. About $60,000.

Penn., Wilkes-Barre—School—Bd. of Education let contract, 3-story, 84x305-ft., to ASTON BROS., 296 Parrish St. About $70,000. Noted Feb. 3.

Penn., Wilkes-Barre—Home—Wilkes-Barre City Hospital let contract to J. CURTIS CO., Hickory and Hill St., about $65,000.

Penn., York—Bank—City let contract to L. S. MENOUGH & SON, York. About $50,000. Noted Mar. 16.

W. Va., Warwood—High and Grade School—Richland District let contract, 3-story, 90x120-ft. to E. T. BURTON, Moundsville. About $60,000. Noted May 18.

Miss., Gulfport—(Official)—Legislature let contract building at Gulfport Mississippi Centennial to DOBBS & WETMORE, Meridian. Noted Mar. 2.

Ohio, Akron—Bank—Depositors Savings Bank let contract, 3-story, 35x165-ft., to PORTER BROS. About $150,000.

Ohio, Canton—Freight House—Wheeling & Lake Erie R.R. let contract to CURRIE CONSTRUCTION CO., New York, $100,000. Noted Apr. 27.

Ohio, Grand Rapids—(Official)—School—Bd. Education let contract to J. I. BARNES, Logansport, Ind. Noted June 29.

Ohio, Portsmouth—School—Holy Redeemer Church let contract, 2-story, 76x99-ft., to G. N. BAKER, Builders and Traders Exchange, Cincinnati. About $40,000. Noted June 1.

Ohio, Tiltonville—School—Bd. Education let contract to F. BEHAN, Youngstown, about $43,406. Noted May 25.

Ind., Indianapolis—Hotel—Powhatan Realty Co. let contract, 6-story, to LATHAM & WALTERS, State Life Bldg. About $60,000.

Ind., La Fayette—Bank—Farmers & Traders Bank let contract, 3-story, 40x92-ft., to J. W. REED, Hammond. About $75,000.

Mich., Fowler—Church—St. Mary's Church let contract to G. BRAY & SON, Jackson, about $50,000.

Mich., Lansing—Bank and Office Building—Lansing State Bank let contract, 8-story, to RICKMAN CONSTRUCTION CO., Owosso.

Ill., Aurora—Church—St. Michaels Roumanian Congregation let contract to J. E. OLSON, 111 West Washington St., Chicago, about $45,000. Noted June 1.

Wis., Marshfield—Church and Auditorium—Sacred Heart Congregation let contract to HUTTER CONSTRUCTION CO., Fond du Lac. About $50,000. Noted Mar. 23.

Wis., Platteville—Agricultural and Physical Training Building—Bd. Normal Regents, Madison, rejected bids. About $66,000. Noted Mar. 16.

Iowa, Atlantic—Hotel—M. C. Cardio let contract, 4-story, 50x100-ft., 2d and Chustnut St., to REYNOLDS & McGINN, Omaha. Noted May 25.

Iowa, Davenport—Armory—Battery B let contract to A. A. ARNOULD, 58 Davenport Savings Bank Bldg. About $50,000.

Iowa, Des Moines—School—Bd. Education let contract to GETCHELL & SUGARMAN, about $50,000. Noted June 8.

Iowa, Rockwell City—Iowa Industrial Reformatory let contract buildings to BAILEY-MARSH CO., 25 Metropolitan Life Bldg., Minneapolis, Minn., $97,800. Noted July 6.

Minn., Proctor—High School—Bd. Education let contract to FARNAM BROS., Plymouth Bldg., Minneapolis, about $55,000. Noted June 8.

Minn., Staples—School—City let contract to DESMARAIS BROS., $58,240. Noted June 8.

Neb., Hartington—Hotel—Contract let, 3-story, to BANKERS REALTY CO., Bee Bldg., Omaha. About $40,000.

Neb., Havelock—High School—Bd. Education let contract to H. F. JONES, Cedar Rapids, Iowa, $60,675. Noted June 15.

Neb., Omaha—University of Omaha let contract 3-story building to PETER KIEWIT & SONS, 2567 Marcy St. About $50,000.

Mo., Kansas City—Library—Bd. Education let contract to SMITH & WOODLING, Reliance Bldg., $167,114. Noted June 29.

Mo., Webb City—Hospital—Jasper County let contract to SMITH & WOODLING, 502 Reliance Bldg., Kansas City, $65,156. Noted June 8.

Ark., Jonesboro—First Baptist Church let contract building to E. F. DOWLING, Memphis, Tenn. About $60,000. Noted June 22.

Tex., Dallas—Wells, Fargo & Co. let contract express building to S. S. SELF, Dallas. About $100,000.

Tex., San Antonio—School—School Bd. let contract to WRIGHT & SANDERS, $53,948.

Okla., Durant—Bank—Durant National Bank let contract to H. E. McCART, Durant, about $50,000.

Ore., Wasco—School—City let contract to A. E. SYKES, Portland.

Calif., San Francisco—Hospital—Trustees Leland Stanford, Jr., University let contract, 3-story, Clay and Webster St., to GEORGE WAGNER, Hearst Bldg. About $200,000.

Que., Montreal—Church—St. Jean Berchman's Congregation let contract to THOMAS BELANGER, Valleyfield, $200,000. Noted Oct. 21.

SPECIAL OPPORTUNITIES SECTION

Contracts To Be Let

Bids received until July 25, 1916.

Alterations to Nishuane School

Montclair, N. J.

Sealed proposals will be received by the Secretary of the Board of Education, Town of Montclair, State of New Jersey, for alterations and additions to the Nishuane School building, now known as the Cedar Avenue School, comprising general construction, plumbing, heating and ventilating, and electrical work. Separate bids will be received for all of the above.

All bids must be sealed and marked on the outside of the envelope, "Bids for alterations to the Nishuane School," and must be in the hands of the Secretary of the Board of Education on or before 8 P.M., Tuesday, July 25, 1916, at the Secretary's office, 22 Valley Road, Montclair N. J., at which time and place the Board of Education will meet and open said bids.

The right is reserved by the Board of Education to reject any or all proposals, or to reject the proposal of any bidder who cannot produce satisfactory evidence of having performed work of similar character and magnitude.

Each proposal must be accompanied by certified check drawn upon a State or National bank, made payable to the Board of Education, Town of Montclair.

Checks accompanying bids shall be drawn for 5% of the amount of the bid. The check must be enclosed in the envelope containing the bid.

The check of successful bidder will be forfeited if said bidder shall fail, within ten days after award of contract, to execute the formal contract and deliver the bond herein required.

Check of the successful bidder will be returned after the execution of the contract and furnishing of bond.

The checks deposited by unsuccessful bidders will be returned after the award of the contract.

The successful bidder will be required to execute good and sufficient bond of indemnity satisfactory to the Board of Education as security for the faithful performance of the contract .

Drawings, specifications and full information may be procured from the architects, Starrett & Van Vleck, 8 West 40th Street, New York City. Plans may be seen at the offices of the Board of Education, 22 Valley Road, Montclair, N. J.

Each bidder before receiving plans and specifications will be required to file a check to the amount of $10 with Starrett & Van Vleck, which will be returned to the bidder when plans and specifications have been returned to the architects.

BOARD OF EDUCATION,
Town of Montclair, New Jersey.
LAMBERT L. JACKSON, Secretary.
July 7, 1916.

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U. S. ENGINEER OFFICE, Louisville, Ky.—Sealed proposals for a steel hull and derrick for Dredge "Casey" will be received here until 12 noon, central time, July 29, 1916, and then opened. Information on application.

Bids received until July 20, 1916.

Storage House

Peekskill, N. Y.

Sealed proposals for the construction of a concrete storage house at State Camp of Instruction in County of Westchester, N. Y., and vicinity of Peekskill, N. Y., will be received by the State Board of Armory Commissioners, 158 State Street, Albany, N. Y., until three o'clock P.M. of Thursday, July 20th, 1916, and at such place and time publicly opened and read.

Contract willl be awarded for the entire work. The proposals must be made upon the blank forms and enclosed in the envelopes, both of which are provided by the State; the envelopes to be sealed and endorsed with the name of the bidder and with the words "Storage House." Each proposal must be accompanied by a certified check in the sum of 5 per centum of the amount of the proposal.

Copies of the specification and drawings for the proposed work may be perused at the above-described office of State Board of Armory Commissioners, Albany, or at the aforesaid Camp of Instruction, which may be reached from Peekskill by means of a ferry.

Informal bids will not be considered and the right is hereby reserved to reject any or all bids.

STATE ARMORY COMMISSION,
FRANKLIN W. WARD, Secretary,
158 State Street, Albany, N. Y.

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Bids received until July 25, 1916.

Hospital Buildings

Jersey City, N. J.

Sealed proposals will be received by the Board of Commissioners of Jersey City, N. J., in the Assembly Chamber, City Hall, Jersey City, Tuesday, July 25, 1916, at 2 P.M., for the Erection of New Hospital Buildings at Baldwin Avenue and Montgomery Street, Jersey City, N. J., in accordance with plans and specifications on file in the office of the City Clerk.

Copies of plans and specifications and blank forms for proposals must be obtained at the office of the Architect, John T. Rowland, Jr., 100 Sip Avenue, Jersey City, N. J.

Each proposal, accompanied by the written agreement of a qualified surety company as stated in the said specifications, must be enclosed in a sealed envelope, endorsed: "Proposal for (work stated) erection of New Hospital Buildings," and directed to The Board of Commissioners of Jersey City, and must be handed to the City Clerk in open meeting when called for at the time and place above specified.

The Board reserves the right to reject any or all proposals if it is considered for the best interests of the city so to do.

By order of the Board of Commissioners of Jersey City.

Dated, City Clerk's Office,
Jersey City, June 28, 1916.
MICHAEL I. FAGEN, City Clerk.

Bids received until July 25, 1916.

Alterations to Watchung School

Montclair, N. J.

Sealed proposals will be received by the Secretary of the Board of Education, Town of Montclair, State of New Jersey, for alterations and additions to the Watchung School, comprising general construction, plumbing, heating and ventilating, and electrical work. Separate bids will be received for all the above.

All bids must be sealed and marked on the outside of the envelope "Bids for alterations to the Watchung School," and must be in the hands of the Secretary of the Board of Education on or before 8 P.M., Tuesday, July 25, 1916, at the Secretary's office, 22 Valley Road, Montclair, N. J., at which time and place the Board of Education will meet and open said bids.

The right is reserved by the Board of Education to reject any or all proposals or to reject the proposal of any bidder who cannot produce satisfactory evidence of having performed work of similar character and magnitude.

Each proposal must be accompanied by certified check, drawn upon a State or National bank, made payable to the Board of Education, Town of Montclair.

Checks accompanying bids shall be drawn for 5% of the amount of the bid. The check must be enclosed in the envelope containing the bid.

The check of successful bidder will be forfeited if said bidder shall fail, within ten days after award of contract, to execute the formal contract and deliver the bond herein required.

Check of the successful bidder will be returned after the execution of the contract and furnishing of bond.

The checks deposited by unsuccessful bidders will be returned after the award of the contract.

The successful bidder will be required to execute good and sufficient bond of indemnity satisfactory to the Board of Education as security for the faithful performance of the contract.

Drawings, specifications and full information may be procured from the architects, Starrett & Van Vleck, 8 West 40th Street, New York City. Plans may be seen at the offices of the Board of Education, 22 Valley Road, Montclair, N. J.

Each bidder before receiving plans and specifications will be required to file a check to the amount of $10 with Starrett & Van Vleck, which will be returned to the bidder when plans and specifications have been returned to the architects.

BOARD OF EDUCATION,
Town of Montclair, New Jersey.
LAMBERT L. JACKSON, Secretary.
July 7, 1916.

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Excavation and Concrete Work

The Conners Bros. Co., 64 West 88th St., New York, N. Y., has 20,000 yds. of excavation and 8,000 yds. of concrete work to let.

SPECIAL OPPORTUNITIES SECTION

Contracts To Be Let

Bids received until July 18, 1916.

Sewage Disposal Plant

Oxford, N. Y.

Sealed proposals for Sewage Disposal Plant at the New York State Women's Relief Corps Home, Oxford, N. Y., will be received by Mrs. Georgiana Griffith President of the Board of Managers, New York State Women's Relief Corps Home, Oxford, N. Y., until 2:30 o'clock P.M. on Tuesday, July 18th, 1916, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a certified check in the sum of five per cent. (5%) of the amount of proposal. The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent. (50%) of the amount of contract within thirty (30) days after official notice of award of contract and in accordance with the terms of Specification No. 2444. The right is reserved to reject any or all bids. Drawings and specifications may be consulted at the New York State Women's Relief Corps Home, Oxford, N. Y., at the New York Office of the Department of Architecture, Room 1224 Woolworth Building, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings and specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon reasonable notice to and in the discretion of the State Architect, Lewis F. Pilcher.

June 29, 1916.

Bids received until July 21, 1916.

Water-Works System

East Youngstown, Ohio.

Sealed proposals for the construction of a one (1) million-gallon Filter Plant, Pumping Station, Pumps, Gas Engines, Pipe Lines, Stand Pipe, Tools and other appurtenances for the installation of a complete Water-Works System, will be received by the Board of Trustees of Public Affairs of the Village of East Youngstown, Ohio, at their office at the Municipal Building, East Youngstown, Ohio, until twelve (12) o'clock noon, Central Eastern Time, on the 21st day of July, 1916, and at that time will be opened and publicly read.

All bids shall be made upon the official proposal blanks attached to the instructions of bidders, specifications and form of contract and bond, which may be seen at the office of the Board in the Municipal Building at East Youngstown, Ohio, or Carl Anderson, Village Clerk, on deposit of a certified check for Twenty-five ($25.00) Dollars, which will entitle bidder to one set of plans and specifications, covering the items on which he signifies his intention to bid. Proper receipt for each such deposit will be given and the money will be refunded provided plans and specifications are returned in good condition within ten (10) days after reception of bids.

All bidders may, if they so desire, submit alternate proposals for the construction of a complete filtration plant, and in accordance with their own plans, specifications and designs. All such alternative plans, specifications and designs shall be prepared in sufficient detail to show clearly the reasons why such alternate proposal, designs, plans and specifications would be as satisfactory and effective as those called for by the plans and specifications hereinbefore referred to.

Each proposal shall be accompanied by a certified check made payable to the order of G. N. Reed, Treasurer of the Village of East Youngstown, Ohio, for not less than three per cent. (3%) of the total amount of the bid, but in no case shall this check be less than One Hundred Dollars ($100.00). This check is to be conditioned that if bid is accepted, a contract will be entered into and performance of same secured within ten (10) days after notification of acceptance of the bid. In case bid is rejected, or contract entered into, check will be returned. Successful bidders, on amounts in excess of Five Hundred ($500.00) Dollars will be required to furnish a corporate surety bond in an acceptable Surety Company in the full amount of the contract.

The Village, by its Board of Trustees of Public Affairs, reserves the right to award the contract as a whole; or in separate items as set forth in the specifications; or to reject any and all bids under said plans and specifications and to award the contract as a whole on any alternate proposal for the construction of a complete Filtration Plant; or to adjust the amount of work to the amount of funds available for payment of the same; and to accept any bid which it deems most favorable to the Village of East Youngstown, or to reject all bids.

By order of the Board of Trustees of Public Affairs of the Village of East Youngstown.

J. E. McGARRY.
A. M. ANDERSON.
C. C. REED.

Dated June 27th, 1916.

Bids received until July 18, 1916.

Streets Improvements

Bound Brook, New Jersey.

Sealed Proposals will be received by the Mayor and Council of the Borough of Bound Brook until 8:30 p.m. on Tuesday, July 18th, 1916, at the Borough Hall in the American Hose Company Bldg., on East Second Street, in said Borough, for regulating and paving with Vitrified Brick and Granite Block certain streets in said Borough.

The Engineer's approximate estimate of the amount of pavement to be laid is 8,000 square yards.

Plans may be examined and specifications, etc., may be obtained at the Office of the Borough Clerk, Stanley Brampton, Main Street, Bound Brook, N. J., or at the office of the Engineers in charge, 109 Park Avenue, Plainfield, N. J.

F. A. DUNHAM-CLARIN CO.,
Engineers in Charge.

Bids received until July 18, 1916.

Metal Furniture and Equipment

Albany, N. Y.

Sealed proposals for Metal Furniture and Equipment for State House, Albany, N. Y., will be received by the Trustees of Public Buildings, Executive Chamber, Capitol, Albany, N. Y., until 3 o'clock P.M. on Tuesday, July 18, 1916, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a certified check in the sum of five per cent. (5%) of the amount of proposal. Contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent. (50%) of the amount of contract within thirty (30) days after official notice of award of contract, and in accordance with the terms of specification No. 2446. The right is reserved to reject any or all bids. Drawings and specifications may be consulted at the New York Office of the Department of Architecture, Room 1224 Woolworth Building, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings and specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon reasonable notice to and in the discretion of the State Architect, Lewis F. Pilcher.

June 30, 1916.

Bids received until Aug. 15, 1916.

Viaduct

Petersburg, Va.

The City of Petersburg proposes to construct a viaduct, about 1,800 feet long and 40 feet high, on Second Street in the City of Petersburg, Virginia. The proposed viaduct to cross the tracks of the Norfolk & Western Railway and the Atlantic Coast Line Railroad and also to cross Appomattox River.

Bids will be received by Mr. R. D. Budd, City Engineer, on August 15, 1916. The bids to be accompanied by complete plans and specifications, to be prepared by the bidder. Bids and designs submitted will be referred to a Board composed of the Chief Engineers of the Norfolk & Western Railway Company and the Atlantic Coast Line Railroad Company and the City of Petersburg, which Board will decide as to the two most advantageous bids. The most advantageous bid will receive a prize of $300.00 and the next most advantageous bid will receive a prize of $150.00, these payments being in full for the trouble and expense of submitting the plans.

Plan, profile and general instructions to bidders can be had upon application to the City Engineer of Petersburg, Virginia, by making a deposit of $10.00, which deposit will be returned to the applicant when the plans and specifications are returned in good condition.

SPECIAL OPPORTUNITIES SECTION

Contracts To Be Let

Bids received until Aug. 10, 1916.

Water-Works System

Red Creek, N. Y.

Sealed proposals will be received by the Village Trustees of Red Creek, N. Y., until 2 o'clock P.M., August 10, 1916, for the construction of a Water-Works System, which will include about four miles of 8" and 6" cast-iron pipe laying, valves and hydrants, pumping station, power pumping machinery and elevated water tank.

Plans, specifications, form of proposal and contract may be seen at the office of the Village Clerk, Red Creek, N. Y., and obtained at the office of the Engineer, H. C. Kittredge, 704 German Insurance Building, Rochester, N. Y.

The Trustees reserve the right to reject any and all bids.

The proposal for said work shall be accompanied by a certified check drawn upon a State or National Bank for 5 per cent. (5%) of the price bid, payable to the order of the Village Board of Trustees, Red Creek, N. Y.

The checks deposited by the unsuccessful bidders will be returned. The amount of the check deposited by the successful bidder shall be forfeited in the event that said bidder shall fail within ten days after the award to execute the contract and furnish to the Village Trustees a satisfactory bond.

Proposals must be on forms furnished by the Village Trustees and addressed to O. F. Jones, President, Red Creek, Wayne County, New York, and shall be endorsed "Proposals for Water-Works System."

ORSON F. JONES,
MYRON H. SHIRTZ,
WILLIAM ELMENDORF,
Village Trustees.

F. M. JONES, Village Clerk.
JOHN F. O'BRIEN, Attorney.
H. C. KITTREDGE, Engineer,
Rochester, N. Y.
Dated July 7th, 1916.

Bids received until July 18, 1916.

Intercepting Sewer

PASSAIC VALLEY SEWERAGE COMMISSIONERS.

NOTICE TO CONTRACTORS.

Notice is hereby given that the Passaic Valley Sewerage Commissioners have designated Tuesday, the eighteenth day of July, nineteen hundred and sixteen, at two o'clock in the afternoon, as the time when they will meet at their usual place of meeting, Essex Building, Clinton Street, Newark, New Jersey, to receive proposals, in writing for the construction of Section 22 of the Lawrence Street Branch Intercepting Sewer in the City of Paterson in the County of Passaic in New Jersey.

Particulars that may enable Contractors to judge of the character of the work are given below:

APPROXIMATE QUANTITIES.
Section 22.

Item 1.—Earth excavation and refilling in trench, for 36-inch concrete sewer.....350 Linear feet
Item 2.—Earth excavation and refilling, in trench, for 30-inch concrete sewer .....2,215 Linear feet
Item 3.—Earth excavation and refilling, in trench, for 15-inch vitrified pipe sewer, with concrete reinforcement, including pipe, etc., 670 Linear feet
Item 4.—Earth excavation and refilling, in trench, for 12-inch vitrified pipe sewer, with concrete reinforcement, including pipe, etc., 390 Linear feet
Item 5.—Earth excavation and refilling, in trench, for 8-inch vitrified pipe sewer, with concrete reinforcement, including pipe, etc., 340 Linear feet
Item 6.—Concrete masonry, in trench, Portland cement mortar, 1,200 Cubic yards
Item 7.—Brick masonry, in manholes, Portland cement mortar and appurtenant work..... 250 Cubic yards
Item 8.—Rock excavation, in trench, 50 Cubic yards
Item 9.—Excavation and refilling, etc., for special structures and reconstruction of local sewers....Lump sum
Item 10.—Furnishing and installing one set of sewage regulating apparatus .....Lump sum
Item 11.—Furnishing and erecting back water gates in seven local sewers .....Lump sum

Drawings, form of contract and specifications, and blank form for proposal, may be obtained at the Commissioners' office from William M. Brown, Chief Engineer.

The Commissioners reserve the right to reject any or all bids.

PASSAIC VALLEY SEWERAGE COMMISSIONERS.
JOSEPH H. QUIGG, Clerk.
June 27, 1916.

Bids received until Aug 14, 1916

Highway Grading

Birmingham, Ala

Sealed proposals for the grading of approximately 14 miles of highway from Birmingham to the Warrior River will be received by the Board of Revenue of Jefferson County at their office, Court House, Birmingham, Ala., August 14th, 1916, at 12 o'clock noon.

Profiles and specifications can be seen at the office of the County Engineer, Birmingham, on and after August 7th, 1916.

Road to be 35 feet wide in excavation, 30 feet wide in embankment. Proposals will include building of necessary culverts, etc.

Payment for said work to be made in County warrants issued from time to time as work progresses, said warrants to be issued so that not more than the sum of $100,000.00 will be payable in any one year. Said warrants to bear interest from the date of their issuance at a rate of interest not to exceed 4½ per cent. per annum, interest to be paid semi-annually from date of issue.

The right to reject any or all bids is reserved. GEO. H. CLARK,
County Engineer.

Bids received until July 20, 1916.

C. I. Pipe and Castings

DEPARTMENT OF PARKS AND PUBLIC PROPERTY.
City of Atlantic City, N. J.

Sealed proposals for making and furnishing cast-iron pipe and special castings for the City of Atlantic City will be received by the Board of Commissioners of Atlantic City, when called for at the chambers of the Board in the City Hall, during a meeting to be held by that body on the twentieth day of July, A. D. 1916, at which time and place, during the session of said Board, the proposals will be opened and publicly read.

The materials to be made and furnished under the proposals embrace approximately:

1,125 tons of cast-iron pipe 20 inches internal diameter.
550 tons of cast-iron pipe 12 inches internal diameter.
18 tons of cast-iron pipe 8 inches internal diameter.
15 tons of cast-iron pipe 6 inches internal diameter.
9 tons of cast-iron flange pipe 8 inches internal diameter, 5 feet long.
100 tons of special castings.

Each proposal submitted must be accompanied by a certified check drawn upon a National or State Bank, or a Trust Company, and to the order of the City Treasurer, for the sum of One Thousand Dollars ($1,000.00).

Specifications, plans and blank forms of proposal can be obtained upon application to L. Van Gilder, Engineer and Superintendent of Water Department, at his office in Atlantic City.

The Board of Commissioners expressly reserves the right to reject any or all bids as it may deem best for the public interest. J. B. THOMPSON,
Director of Parks and Public Property.

Bids received until July 27, 1916.

Ditch Excavation

Hillview, Ill.

Bids will be received until 1:30 o'clock P.M., July 27, 1916, by the Board of Commissioners, Hillview Drainage and Levee District, for Ditch Excavation, consisting of approximately 220,578 cubic yards. Plans and specifications on file at office of Engineer or may be purchased for $5.00. Caldwell Engineering Company, Civil Engineers, 710-711 Ayers Bank Building, Jacksonville, Illinois.

Bids received until July 20, 1916.

Sewer Proposals

City of Bridgeport, Connecticut.

Sealed proposals will be received until 7:30 P.M. of July 20th, 1916, at the office of the Paving and Sewer Commission, Room 22, City Hall, Bridgeport, Conn., for the construction of about 9,400 ft. of 60-inch, 66-inch, 72-inch sewer, average cut about 24 ft. Plans and specifications can be obtained from Alfred H. Terry, City Engineer, Room 20, City Hall, after June 26th, on payment of $2.00.

BERNARD KEATING, Secretary.

SPECIAL OPPORTUNITIES SECTION

Contracts To Be Let

Bids received until July 24, 1916.

Street Improvement

Audubon, N. J.

Sealed proposals are invited for improving certain streets in the Borough of Audubon, N. J., as provided in an ordinance adopted July 10th, 1916, in accordance with the Standard Borough Specifications, which will be mailed to any address upon application.

Bids will be received, immediately opened and publicly read in the Council Chamber at Audubon on Monday, July 24th, 1916, at 8 p.m.

Unit prices are asked for 44,740 sq.yds. of plain concrete road complete as specified.

Unit prices are asked for 25,377 sq.yds. of water bound macadam as specified.

There will be approximately 3,000 cu.yds. of excess excavation at a fixed price of 30c. per cu.yd.

A separate additional price per square yard is asked for furnishing and installing, two inches below the top surface of the concrete, expanded metal weighing approximately ¼ pound per sq.ft.

Each bidder must name a time limit for completing the work. This will be a factor in the award of the contract.

The Council reserves the right to reject any or all bids.

Bids are to be addressed to Conway Bennett, Borough Clerk, Audubon, N. J., and marked Proposal for Street Improvement. A certified check in the sum of 10% of bid must accompany each proposal. (Signed)

PRESCOTT C. MILLS, Mayor.

Attested:

CONWAY BENNETT, Clerk.

J. J. ALBERTSON, Borough Engineer.

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Bids received until July 25, 1916.

Sewer Construction

Rahway, N. J.

Sealed proposals will be received by the Common Council of the City of Rahway, N. J., up to 8 o'clock P.M. Tuesday, July 25th, 1916, at the City Hall, for the construction of sewers as follows:

3,493.5 ft. of 8-in. vitrified tile sewer

674 ft. 10-in. vitrified tile sewer

with the necessary "Y" branches, manholes, etc.

Plans and specifications may be examined at the office of the City Engineer.

A certified check for the sum of $500.00 must accompany each bid, payable to "The Mayor and Common Council of the City of Rahway."

The Common Council reserves the right to reject any or all bids.

FRANKLIN MARSH,
City Engineer.

Rahway, N. J., July 12th, 1916.

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Street Improvements

Thomasville, Ga.

The City of Thomasville asks for bids for approximately 2,540 lin.ft. 5-ft. sidewalk and 2,200 lin.ft. 24-in. gutter with 8-in. curb, all concrete. City will grade into condition for sub-grade. Address

WILLIAM MILLER,
Chairman of Streets.

Bids received until Aug. 10, 1916.

Pump Pit, Superstructure Lowering, Suction Line, and Appurtenances

Coshocton, Ohio, July 8, 1916.

LEGAL NOTICE

Sealed Proposals for the construction of a Concrete Pump Pit and Brick Superstructure for same, lowering existing 20-inch Cast-Iron Suction Line at Pumping Station, and appurtenances will be received by the Service Safety Director of the City of Coshocton, Ohio, at his office in the Municipal Building in said City, until twelve (12) o'clock noon, central standard time, August 10th, 1916, and will then be opened and read publicly.

All bids shall be made upon the official Proposal Blanks attached to the Instructions to Bidders, Specifications, and Form of Contract and Bond, which may be seen at the office of the Service Safety Director, Coshocton, Ohio, or may be had by bona fide bidders upon application to Chester & Fleming, Engineers, Union Bank Building, Pittsburgh, Pennsylvania, on deposit of a certified check for Twenty-five ($25.00) Dollars, which will entitle bidder to one set of plans and two copies of the specifications, covering the items on which he intends to bid. Proper receipt for each such deposit will be given and the check will be returned provided plans and specifications are returned in good condition within ten (10) days after reception of bids.

Each proposal shall be accompanied by a certified check made payable to the order of the Treasurer of the City of Coshocton, Ohio, of not less than three (3%) per cent. of the total amount of the bid, but in no case shall this check be less than One Hundred ($100.00) Dollars. This check is to be conditioned that if bid is accepted, a contract will be entered into and the performance of same secured within ten (10) days after notification of acceptance of the bid. In case bid is rejected, or contract entered into, check will be returned. Successful bidders will be required to furnish a corporate surety bond in an acceptable Surety Company in the full amount of the contract.

The right is reserved to reject any or all bids.

SAM ASHMAN,
Service Safety Director.

CHESTER & FLEMING, Engineers,
Union Bank Building, Pittsburgh, Pa.

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Bids received until July 24, 1916.

Improvement of Water-Works

Dover, Ohio.

Bids will be received until noon, July 24th, 1916, for the improvement of the Water-Works System of Dover, Tuscarawas County, Ohio, as follows:

One 2 million gallon pump.

One 1½ million gallon steel standpipe.

600 lin.ft. of 14" W. I. Pipe to be laid beneath the Tuscarawas River and the Ohio Canal.

9,200 lin.ft. of 12" C. I. Pipe.

1,640 lin.ft. of 14" C. I. Pipe.

PHILIP W. HILL,
Director of Public Service.

Bids received until July 26, 1916.

Paving

Lebanon, Pa.

Sealed proposals directed to the City Clerk will be received by the Council of Lebanon, Pa., at the City Hall, until 5 P.M., Wednesday, July 26, 1916, for the furnishing of all labor and materials required to construct the following pavements:

Church St., approx. 3,300 sq.yds.

Willow St., approx. 1,600 sq.yds.

Doe alley, approx. 900 sq.yds.

Walnut alley, approx. 400 sq.yds.

for which alternate bids will be received on Wood Block, Bituminous Concrete or Cement Concrete.

Specifications, proposal blanks and information concerning the manner of submitting bids can be obtained by application to the City Clerk, Dan. M. Sharp, Lebanon, Pa., or to the City Engineer.

Certified checks of the different amounts called for on the several proposals must accompany each bid.

The Mayor and Council distinctly reserve the right to reject any or all bids and to award the contract as is deemed to the best interest of the City of Lebanon.

PAUL A. VOLCKER,
City Engineer.

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Bids received until July 21, 1916.

Notice to Motor Driven Fire Apparatus Builders

Lodi, N. J.

The Fire and Water Committee of the Mayor and Council of the Borough of Lodi, N. J., will receive sealed bids on Friday evening, July 21st, 1916, at 8 o'clock p.m., in the Council Chamber of the Municipal Building, 47 Main Street, Lodi, New Jersey, for the following motor-driven fire apparatus:

One (1) Combination Chemical and Hose Wagon, to be built according to the specifications adopted by the Mayor and Council June 30th, 1916.

Specifications can be obtained upon application to the Fire and Water Committee of the Mayor and Council of the Borough of Lodi, N. J.

The right is reserved to reject any or all bids.

This notice is to Motor-Driven Fire Apparatus Builders exclusively.

By order of the Mayor and Council of the Borough of Lodi, N. J.

JOHN R. MacCULLOCH,
Chairman of the Fire and Water Committee,
178 Main Street, Lodi, N. J.

Attest:

JAS. A. McMAHON, Borough Clerk.

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Bids received until July 28, 1916.

Sewer and Water Pipe

Peotone, Ill.

Bids will be received July 28th, 1916, until 2 P.M., for

703 ft. 10" sewer.

7,096' 4" water pipe.

2,590' 6" water pipe.

Specifications at office of

P. M. COLLINS,
Pres. The Citizens Bank.
Peotone, Ill.